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OpenScape solutions – Buliding the right Voice/UC solution

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CCNP, CCNA-V

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OpenScape Office MX and LX

Openscape Office UC Portal

Complete control – even from Microsoft Outlook™!

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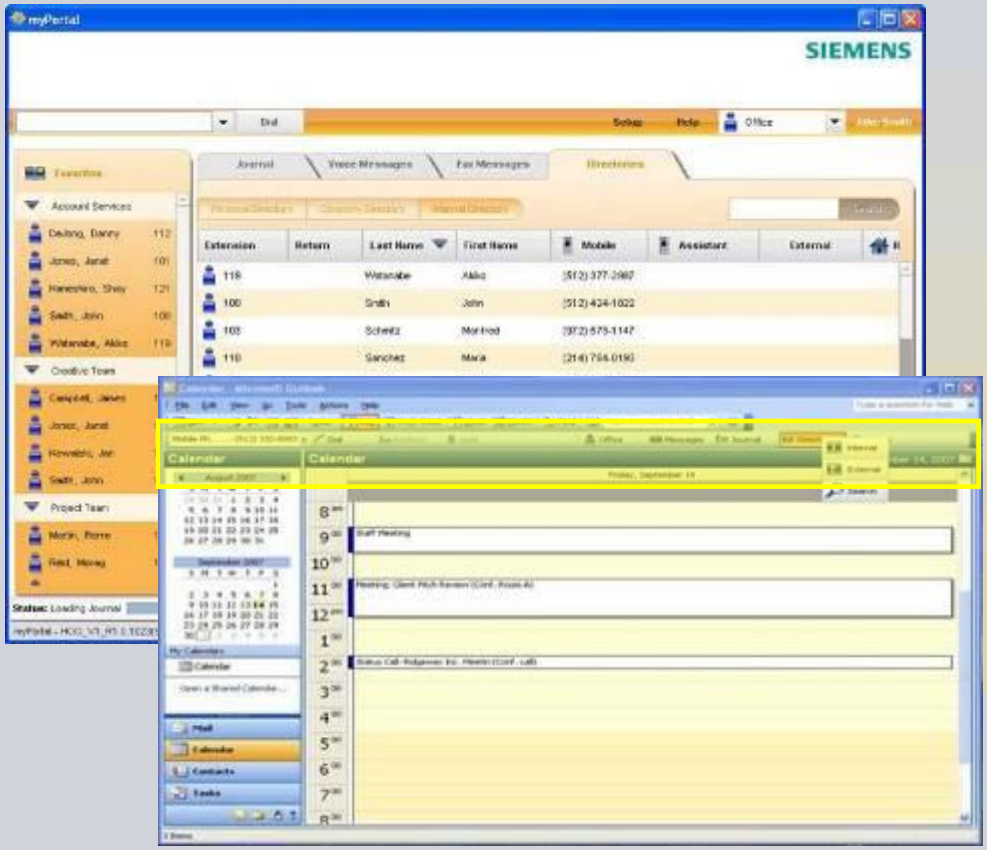

myPortal

Access to your mobile phone, email, IM, contacts, desk phone, visible voicemail, and fax

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What Works on OSOMX?
Key OpenScape Office Capabilities

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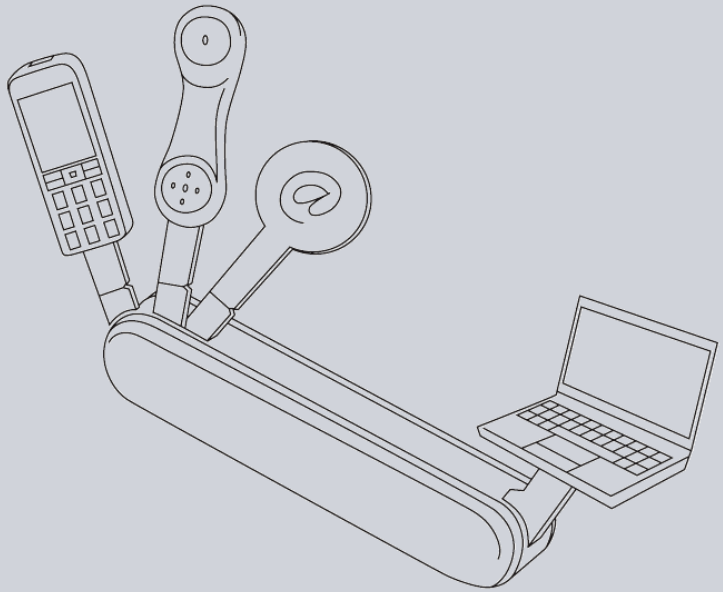
For more detail on each of the items below, please see the OpenScape Office Presentation

- ❑ Integrated Presence
- ❑ Mobility: Office Roamer, Road Warrior, Remote Worker, CallMe!
- ❑ Conference Management
- ❑ myPortal Outlook Plug-in
- ❑ Dial from any Application
- ❑ Directories
- ❑ Favorites List / Internal IM
- ❑ Visible Voicemail
- ❑ Fax Box
- ❑ Call Journal
- ❑ One Number Service
- ❑ Personal Notifications
- ❑ Personal AutoAttendant
- ❑ Screen Pop and Live Call Recording
- ❑ myAttendant



NOTE: Some features require an additional license

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Platform Overview
HiPath OpenOffice MX

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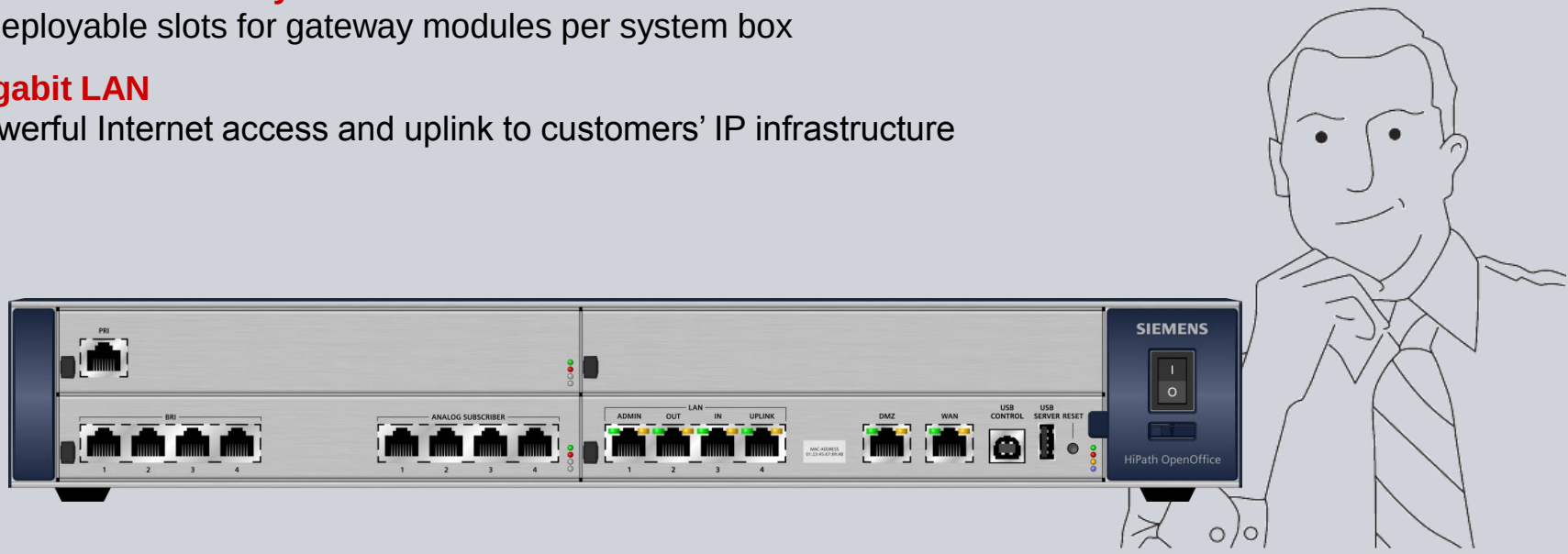
- **Modular and Scalable System Unit**
  Rack mounted housing supporting the new µTCA industrial standard, AMD Sempron CPU, 1GB memory, 80 GB hard disk
- **Pure IP System**
  Native IP internal board-to-board via powerful Gigabit data bus backplane
- **Gateway Modules for All TDM Configurations**
- **Individual Scalability**
  3 deployable slots for gateway modules per system box
- **Gigabit LAN**
  Powerful Internet access and uplink to customers' IP infrastructure



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Hardware Architecture: Gateway Modules

HiPath OpenOffice MX

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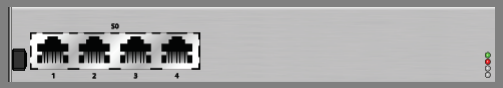
1

GME

1 primary rate ISDN trunk port (E1) providing up to 30 voice connections to public networks

(Not for USA)

2



GMS

4 basic rate ISDN ports for connecting to public network or to ISDN subscribers (e.g. ISDN modem or G4 fax)

3

GMT

1 primary rate trunk port (T1) providing up to 24 voice connections to public networks

(USA only)

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Hardware Architecture: Gateway Modules
HiPath OpenOffice MX

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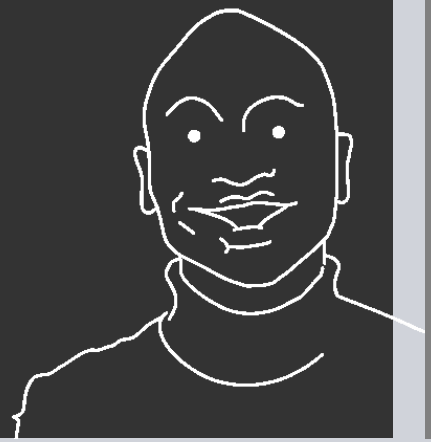
4

GMAL

8 analog subscriber ports for connecting analog devices (e.g. fax, door phone entry, phones, etc.)



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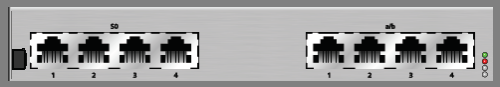
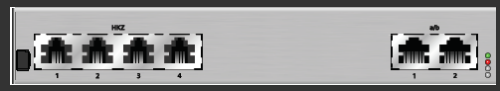


GMSA

4 basic rate ISDN ports for connecting to public network or to ISDN subscribers (e.g. ISDN modem or G4 fax)

4 analog subscriber ports for connecting analog devices (e.g. fax, door phone entry, phones, etc.)

6



GMAA

4 analog trunk ports for connecting to public network. 2 analog subscriber ports for connecting analog devices (e.g. fax, door phone entry, phones, etc.)

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Interfaces, Devices, and Functions
HiPath OpenOffice MX

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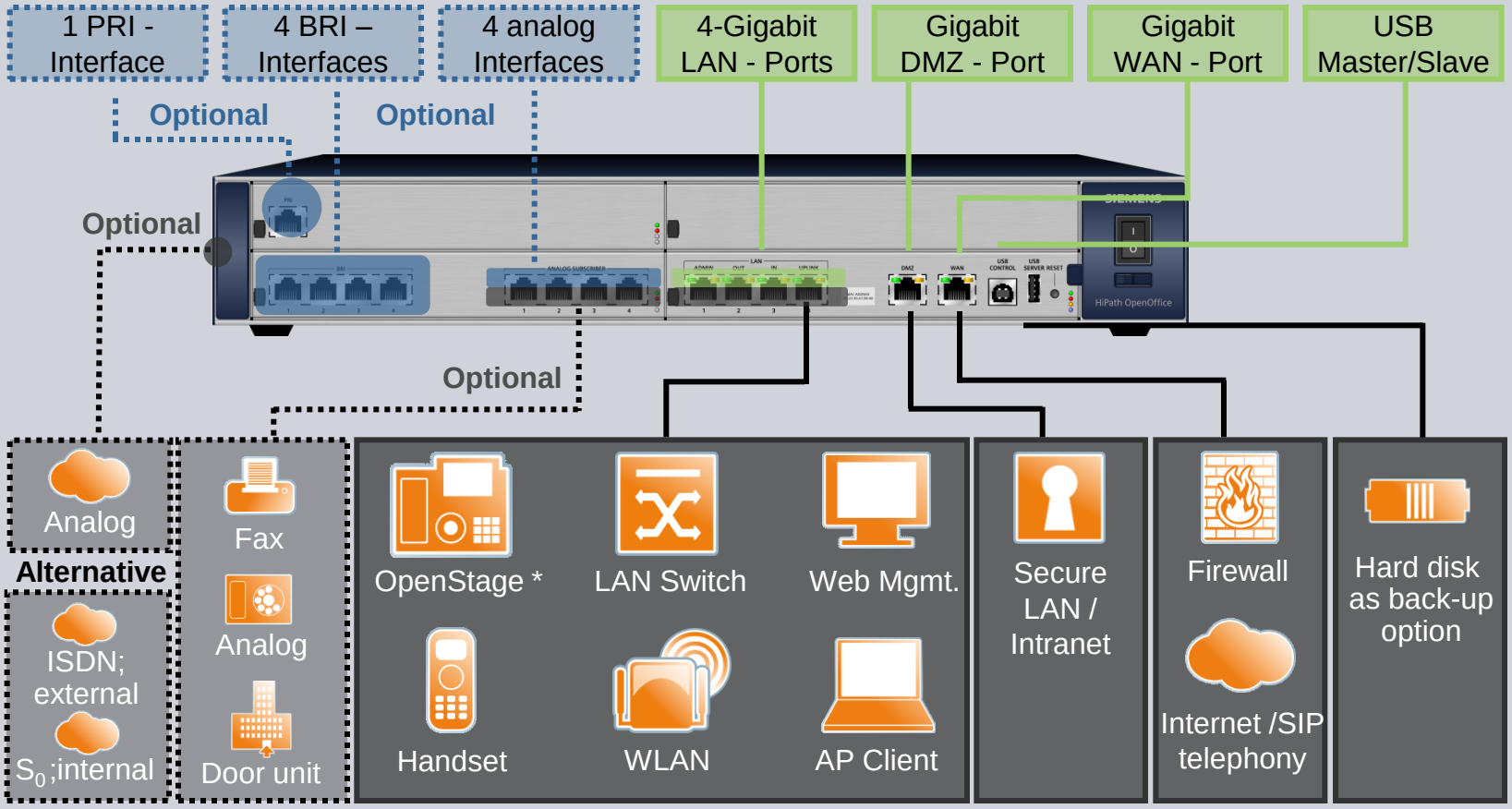

*HiPath OpenOffice ME supports optiPoint

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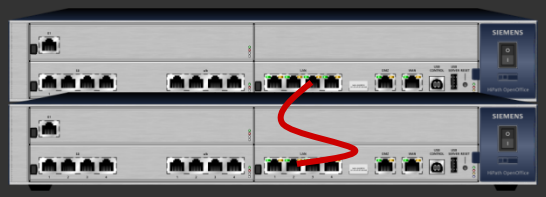
Scale Up To 150 Users

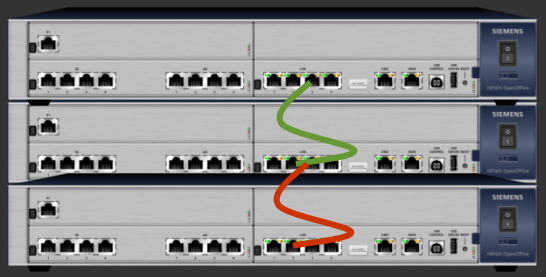
Voice network up to 4 sites

SIEMENS

1 unit system = 50 users



2 unit system = 100 users



3 unit system = 150 users

- Each 19” unit contains a main board that can support up to 50 Users
- 6 hot pluggable peripheral boards options
- Single system image managed by ONE web-based Interface
- Connect multiple boxes with a patch cable (Max. 100m)
- Voice network up to 4 sites. Separate management AND application of each system only.

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OpenScape Office V3 LX
Software-based UC solution

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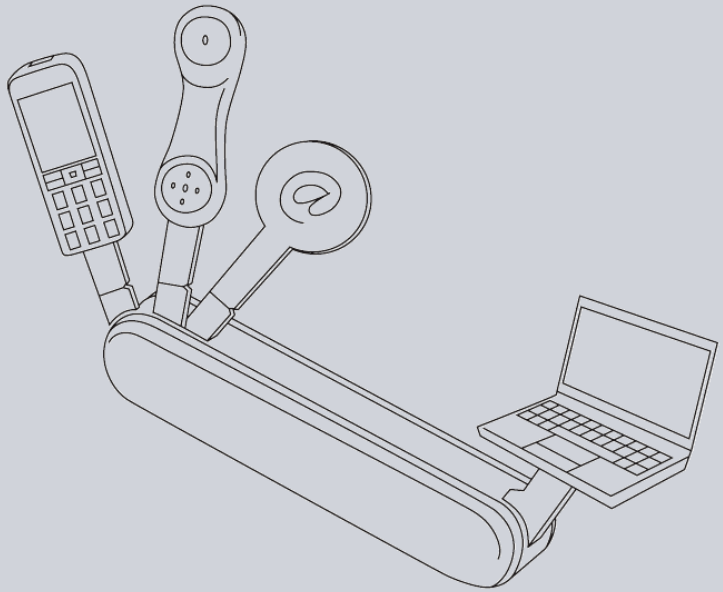
- Server-based unified communications solution
- Supports max. 500 stations
- Supports max. 1000 stations through networking
- OpenScape Office MX or HiPath 3000 can be used as a gateway to the Central Office
- Internet connections:
- 1 Internet service provider (ISP)
- 4 Internet telephony service providers (ITSP)



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OpenScape Office V3 LX
Prerequisites

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SW running on Linux OS & standard server HW

- Linux Server, certified by the manufacturer for SUSE Linux Enterprise Server 11 (SLES 11)
- 2 GB RAM
- Hard disk 200 GB
- Dual Core processor 2,0 GHz per core
- Keyboard and mouse
- DVD drive
- Monitor with resolution 1024x768 pixels
- LAN Interface 1 Gbit

OpenScape Office LX can run in a virtualized environment

- VMware vSphere ESX/ESXi 4 virtualization software has been released

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OpenScape Office Survivability options

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OpenScape Office Survivability – It is your choice

High Availability Server HW

- Dedicated Standard Industry Server
- Redundant power supply
- Linux SW based redundant hard disks (**RAID**) two physical HD's recommended
- ECC RAM to detect and correct RAM errors

MX failover - survivability

- OpenScape Office LX to MX failover scenario, when OpenScape Office MX is used as gateway
- In case of LX emergency, OS IP devices will automatically re-register via **second standby registration setting** towards existing MX system
- Voice functionality can be used during the emergency mode
- OpenScape Office free base package extensions can be used to ensure availability of key people

VMware – High availability

- Monitors and detects virtual machines for "guest OS" failures and automatically starts virtual machines
- Detects server failures automatically, using a "heartbeat" on servers
- Restarts virtual machines almost instantly without human intervention on a different physical server
- In case of fail over LX will restart immediately with existing configuration; no further licenses needed

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SIEMENS
OpenScape Business systems for Small and Medium Business

Our own Experience
Business Challenges

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Trends: IP and UC	**Improve Customer Services**	**Investment Protection**	**Full Cost Control**

Keep competitive advantage

IP or „classic“ – what is the right Infrastructure for your Business

The Answer to your challenges in one solution?

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Key Factors for Success

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Many Tasks

Fitting Voice and UC for all users

How can modern communication support my business?

Always on the Move

Mobility with perfect collaboration

How to improve contractibility and team collaboration?

Improve Customer Services

High expectations in customer services.

How can I serve customers better so that they can reach me even faster?

Lower Operational Costs

Investment protection by migration

How can I protect my investment and gain the latest technology?

Scalable and Flexible

Latest technology which integrates into my infrastructure

How can I met my growing demands also tomorrow?

Vendor Support

Feel secure with the choice of partner

How can I get support from the vendor just in case I need it?

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UC optimizes the Communication

SIEMENS

UCC = Unified Communication & Collaboration

UCC combines multiple communication technologies –
Presence, Conferences, Voicemail, e-Mail, Instant Messaging, Fax,
Video, Web Collaboration, Contact Center, etc. –
in one common portal!

A “must have” for all who require fast, efficient and cost-effective communication !

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UC helps Customers to improve Employees Satisfaction and increase the Profit

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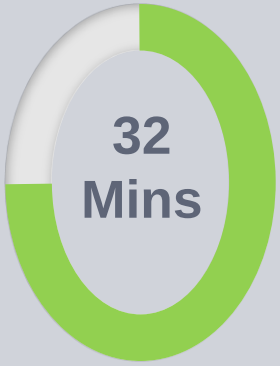
What's important? To find people quickly

A shipment is heading to the warehouse – Who will receive it?

A deal will close if the owner can talk to the prospect – Can I reach the owner in time?

Presence Saves Time



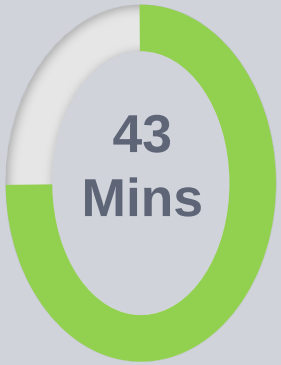
Average time saved because UC helps you to find the person you need on the first attempt

What's important? Never missing a message from a customer or coworker

A multi-tasking sales person won't miss a voice or fax message because they will automatically appear via e-mail

.

A Single Inbox



Average time saved by managing emails, voicemails and faxes from one inbox

What's important? Not wasting time transferring data

Law firms can track voice communications automatically.

If a customer calls, their CRM data will automatically open on your desktop

Integration Can Help

1- Time Savings

2- Better Accuracy

3- Real-Time Data Access

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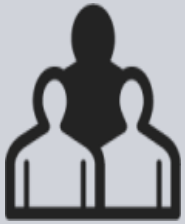
OpenScape Business
The perfect solution for Small and Medium Enterprises

SIEMENS

- A real „All-In-One“ voice and UC solution for professional business communication
- UC, Mobility and much more fully integrated
- Phones and applications suitable for each workplace
- Can be used independent of the existing infrastructure – be it “classic” or modern VoIP cabling
- Scalable and flexible, adapting to the requirements of your business



OpenScape Business - investing in maximum flexibility for single or multisite environments

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OpenScape Business – the Solution

OpenScape Business
The perfect solution for Small Medium Enterprises

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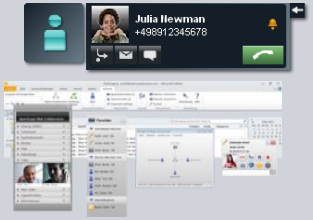
OpenScape Business Voice & Unified Communication



User Clients & Groupware

myPortal Smart, myPortal for Desktop,
myPortal for Outlook, myPortal for Mobile/ Tablet

Voice & Video Clients

all OpenStage HFA, T & SIP devices,
Video with OpenScape Personal Edition SIP

Multichannel Contact Center

available now for all deployment models

Attendant Console & Applications

myAttendant & OSBiz Att enhancements
OpenStage GateView, Application Launcher

OpenScape Business - investing in maximum flexibility and a true all-in-one solution for telephony and UC

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OpenScape Business
Suitable for any Infrastructure, HW & SW, „classic“ or IP

SIEMENS

OpenScape Business X3 / X5 / X8
Voice & UC-Solution for up to 500 User

All-In-One Voice & UC with onboard full IP, for up to 500 IP User,
IP & Digital & Analog, DECT, ITSP, SIP Trunking, ISDN / S2

X3

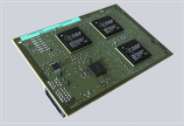
X5

X8

UC Booster Options

UC Booster Card
For up to 150 UC Suite User
Plug-In Board for X3R/X5R/X8

UC Booster Server
For up to 500 UC Suite User
Server for X3/X5/X8



Voice Channel Booster
additional DSP channel
for X3/X5/X8

OpenScape Business S
Virtualized PABX for up to 500 User

All-in-one Voice & UC , Server based UC
Software Solution for up to 500 User,
Virtualiziation with VMware, SIP Trunking)

Server-based or fully virtualized

One common solution architecture across all deployments;
extensive networking opportunities between the models

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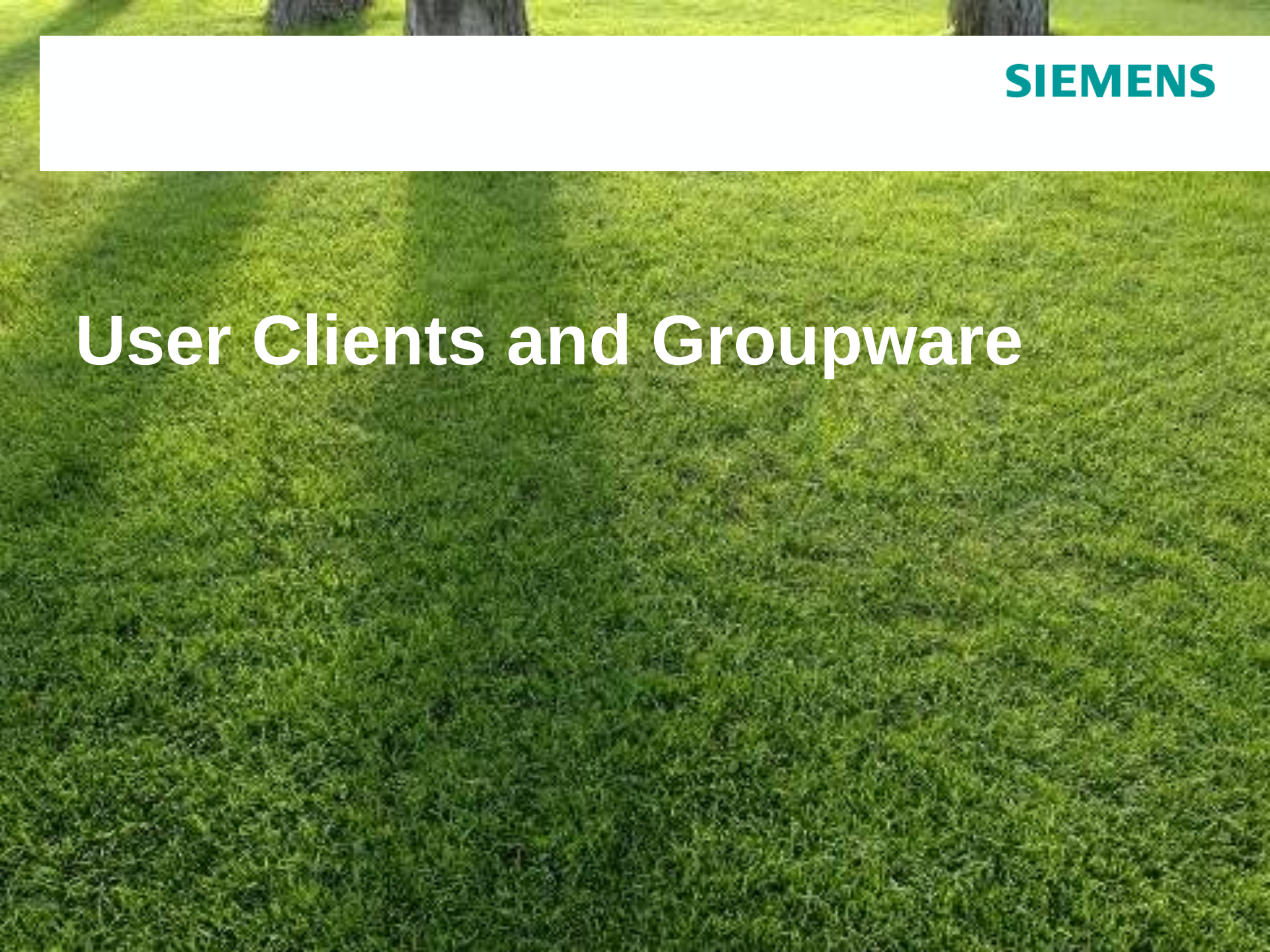
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User Clients and Groupware

OpenScape Business
UC Clients suitable for any workplace

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Desktop Clients

- **myPortal Smart**

The powerful entry into the world of UC

For office based users with the most common OS (Windows & MAC)

Mobility Client

- **myPortal for Mobile**
- **myPortal for Tablet**

For mobile users – offering UC everywhere on almost every device.

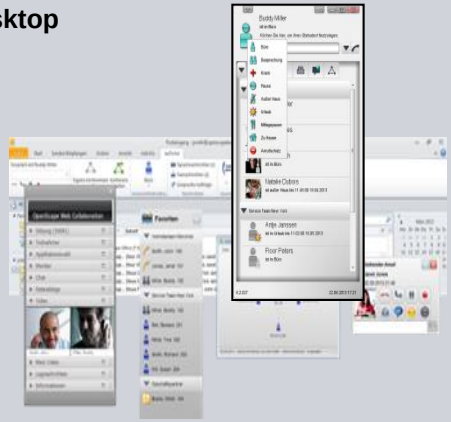
Desktop & Groupware Integration

- **myPortal for Outlook & Desktop**

Full feature diversity on the Desktop or integrated into Outlook

- **myPortal for Outlook:**

The perfect solution for users of Microsoft Outlook



On the Phone

- **myPortal for OpenStage**

Allowing office based workers fast change of their presence status and fast & comfortable access to their voice mail box

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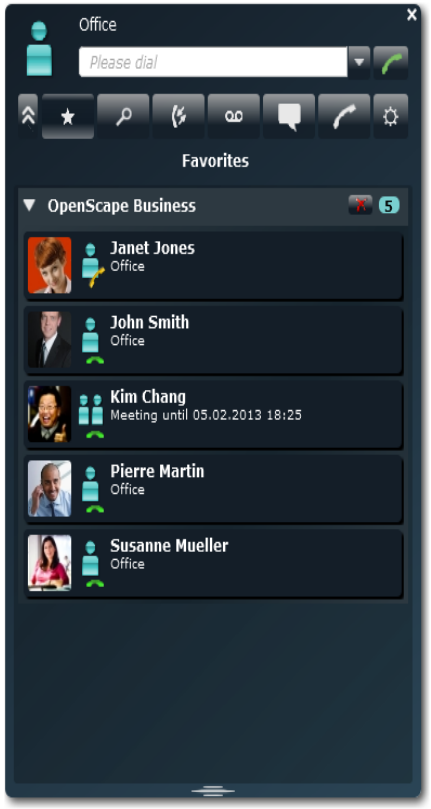
OpenScape Business
The powerful entry into the UC world

SIEMENS

Provides a simple process to move from Voice to UC with integrated "on board UC Smart" available for X3, X5 and X8

myPortal Smart

- Presence incl. status based announcements
  - Favorites incl. Call Status
  - Visual VoiceMail Control
  - VoiceMail to eMail Service
  - Ad Hoc Conferencing
  - Directory Access
  - Chat
  - Reminder
- For Apple MAC OS & Windows



Optimize your business communication with UC

Fully integrated on the new UC-Mainboard for up to 50 Users

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UC Smart – integrated Product Enhancements
Access your desktop and voice control from anywhere

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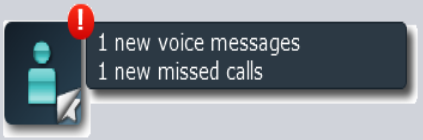
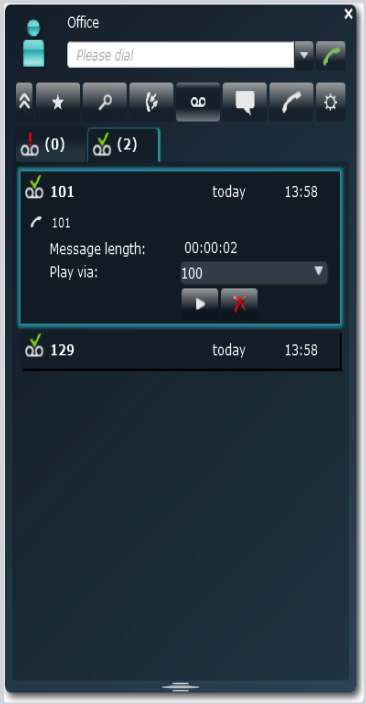


Voicemail – Fully integrated into UC Smart

- up to 300 Voicemail boxes
- 6 Channels, 32h recording
- TUI or UC Smart controlled
- Voice Quality G.711 Wave
- Enhanced password security
- Announcement port start/stop or Loop
- Group Mailbox (MWI to all members)



Auto Attendant - No need for additional hardware

- up to 100 Auto Attendant Mailboxes
- Multi Level Attendant , AA to AA, Mailbox or numbers
- 4 Auto Attendant Greetings for: night/day, manual selection, etc.

Improve your reachability for customers and never miss a call because of the integrated visual voicemail and the Auto Attendant

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OpenScape Business UC Suite
myPortal for Desktop and myPortal for Outlook

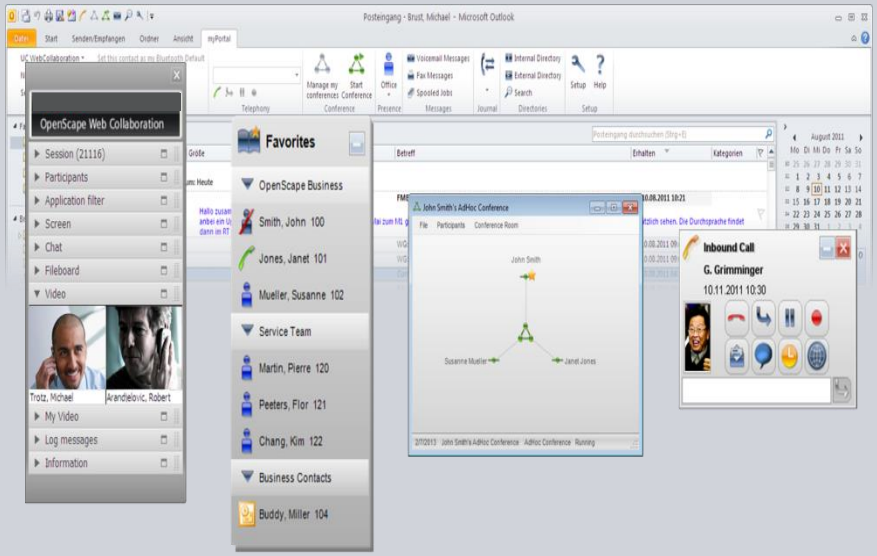
SIEMENS

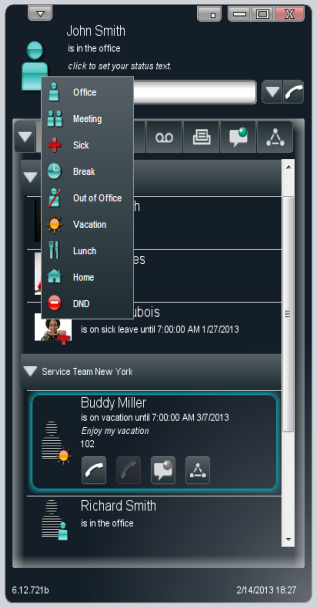
Web-Collaboration | Call Recording | Integrated Presence | Visual Voicemail | Fax Mailbox | Call Journal

Outlook Integration

Favorites

Instant Messaging





Directory Access

Drag & Drop Conference

Call Pop-Ups

One Number Service | Personal Notification | Social Media | Personal Auto-Attendant | Dial per Mouse Click | Mobility

Speed up your communication with a comprehensive UC feature set integrated into the familiar Microsoft Outlook interface

UC Suite available with UC Booster Card, Booster Server or Business S

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myPortal for Mobile and Tablet
Unlimited Mobility and Collaboration

SIEMENS

- The OpenScape Business user interface for mobile employees using smartphones or tablets with a graphical user interface such as: iPhone, Blackberry, Nokia, Android and Windows Mobile
- Open browser based approach for all other mobile phones or tablets - No dedicated applications need to be loaded on the mobile device
- **Enhanced UC feature set** for managing calls directly from the mobile phone (incl. conferencing, consultation and call transfer)
- No need of a parallel fixed phone anymore with the new mobility user license

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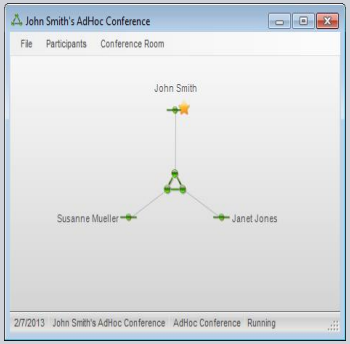
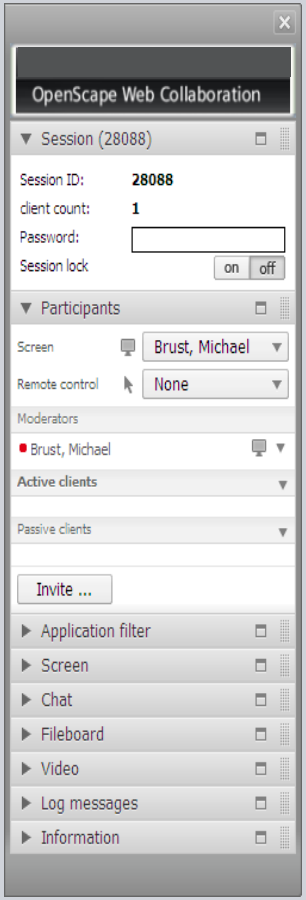
OpenScape Business UCC
Integration of OpenScape Web Collaboration Services

OpenScape Web Collaboration launched via OpenScape Business User Interface

- Full-featured OpenScape Web Collaboration solution specifically packed and embedded for SMBs
- Launched via OpenScape Business Drag & Drop Conferencing Service or from call pop-up window
- Simple, intuitive interface with one-click access to all features
- Integrated text, data, web, and multi-party H.264 desktop video conferencing
- Mobile client that runs on any smartphone device including iPhone, iPad, iPod Touch and Android clients
- Highly secure 256-bit AES encryption
- On-premise deployment model, that can be installed quickly, cost-effectively, and with minimum IT resources
- OpenScape Web Collaboration requires a Windows Server
- Available with UC Suite (UC Booster Card/Server or Business S)





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OpenScape Business attendant and BLF
The Attendant Console allowing a perfect view on all users

SIEMENS

OpenScape Business Attendant

- Display and change presence status on Attendant BLF
  - Show BLF with Feature keys (Hold, Day/Night)
    - New Phonebook : System Speed dial
    - "All in one window" for small systems
      - Support of OpenStage 30T
- Network wide “Call Status” & Presence View for up to 4 Nodes (with BLF Server), more on a PSF base
  - Different Skin variants available

OpenScape Business BLF (Busy Lamp Field)

- Network-wide Call Status & Presence view for up to 4 Nodes
  - Display Presence status for other users & Change own Presence
    - Up to 50 Business BLF Users per node
      - Caller Journal in/out
      - Dial via Web Service Interface (CTI Control)
      - Business BLF is a “Stand-A Application, BLF Server f network-wide use

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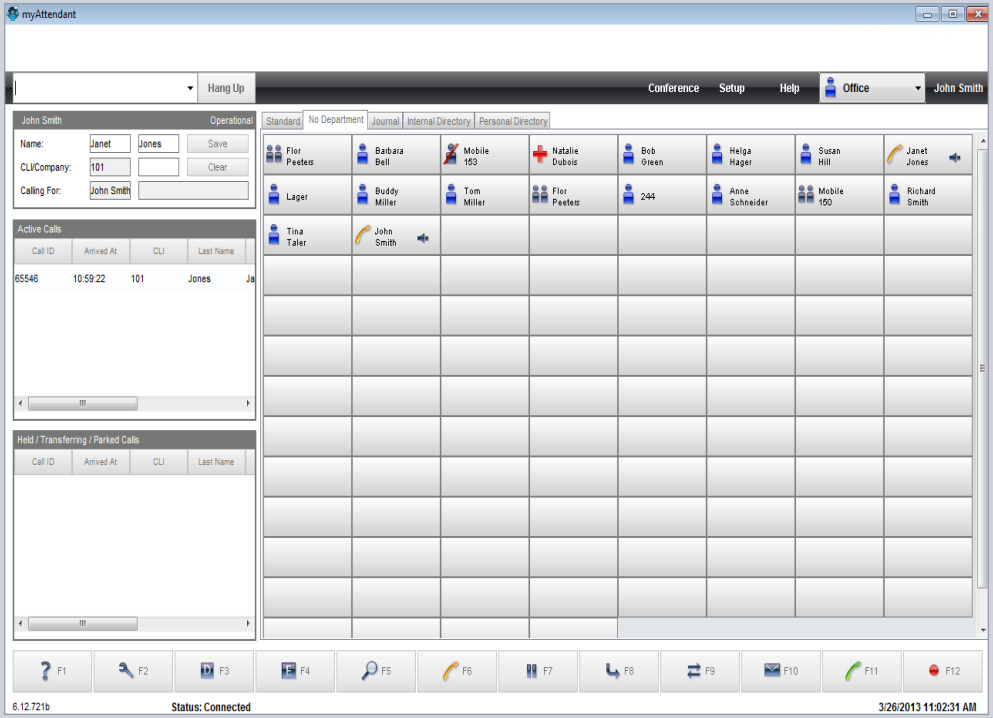
OpenScape Business
Attendant Console myAttendant

The Attendant Console myAttendant for UC Suite

- **myAttendant**
  for operators to handle calls fast and efficient and for the managing of teams



Stay in control of your business and see at a glance who is available, and who is not

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OpenScape Business
On-Premise Mobility Solutions DECT & DECT I

SIEMENS

DECT „Classic“

for traditional and network infrastructure

- Convenient, easy to use menu-driven interface of the DECT handset
- Up to 7 DECT base stations for X3 and X5 rack variants

DECT IP

for IP networks

- Phonebook via LDAP
- Call waiting and call forwarding
- Caller Name on display and differentiation of calls (internal/external)
- Message Waiting Indication

On premise mobility solutions for voice connectivity on the entire campus for traditional and IP based communication infrastructures

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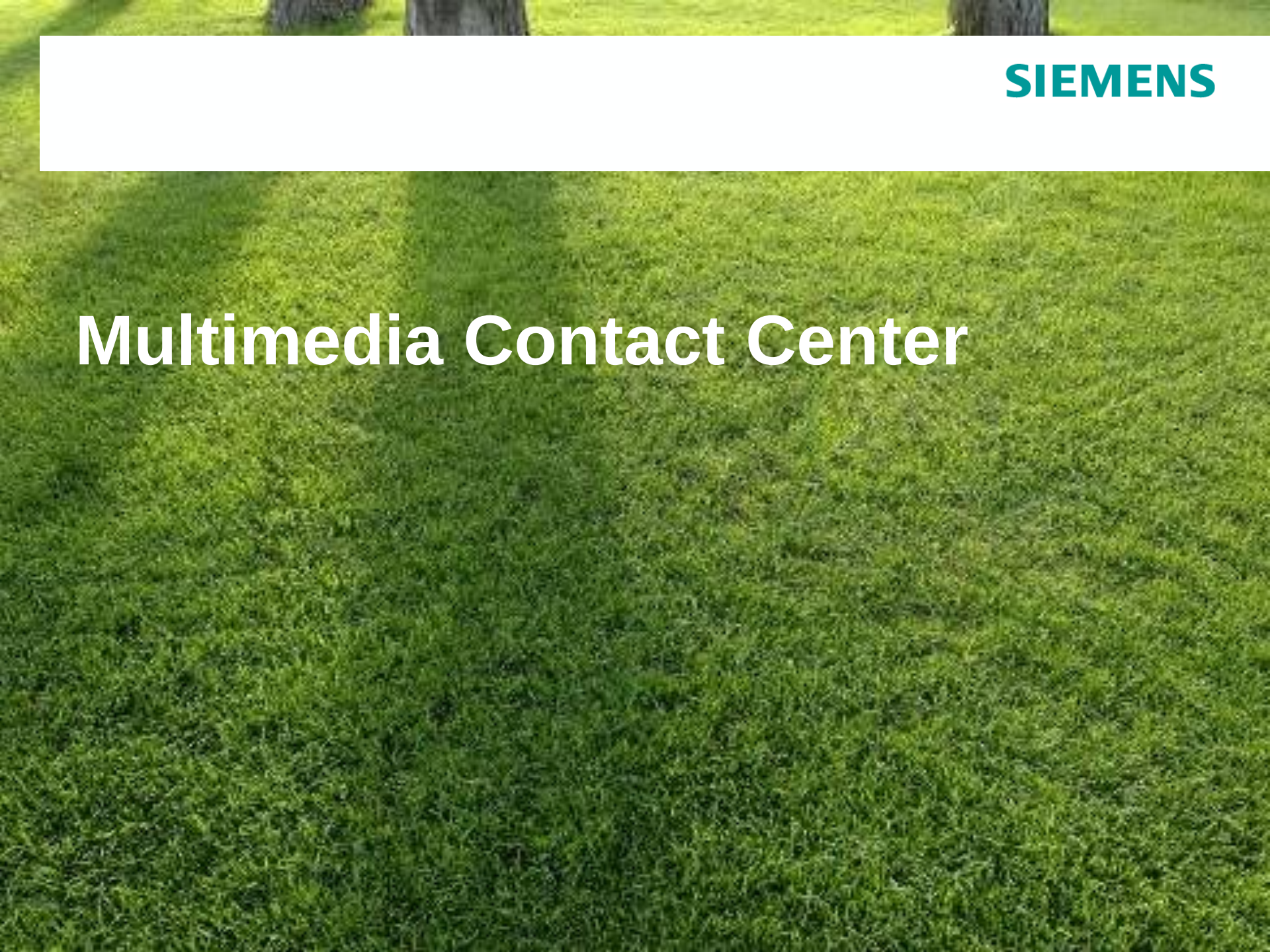
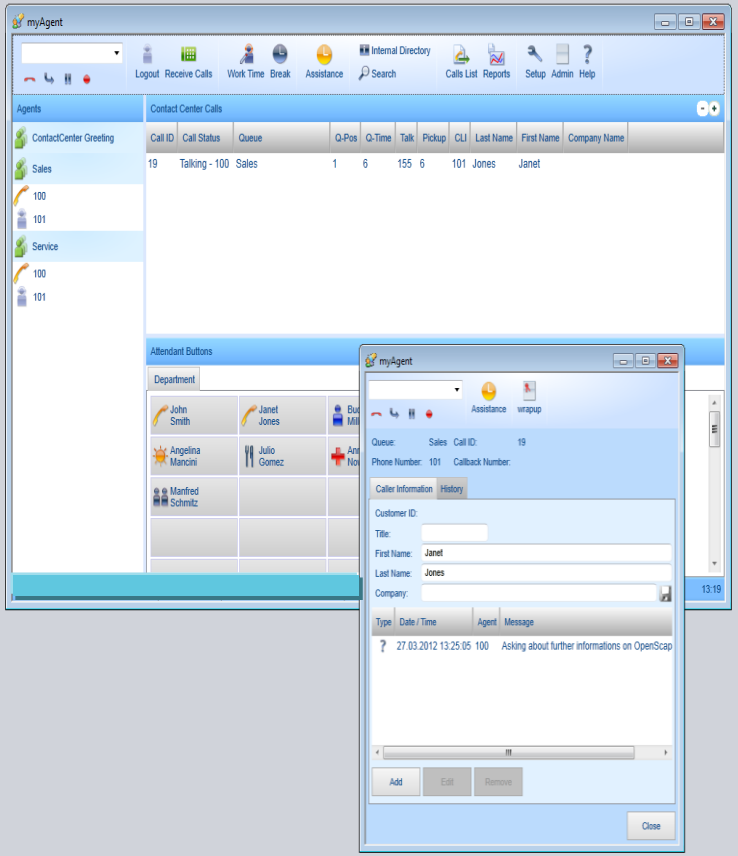

SIEMENS
Multimedia Contact Center

OpenScape Business with UC Suite
Integrated Contact Center – Improving Customer Services

OpenScape Business Contact Center

- **Integrated Multimedia Contact Center**
  Deliver the complete range of customer engagement options (voice, email, fax, chat)
- **Intelligent routing capabilities**
  Maximizing “first contact resolution” with integrated skill-based, CLIP or VIP routing to always ensure reaching the right agent
- **Business Process Integration**
  Connectivity to external customer databases and launch of 3rd party CRM applications
- **Easy Management & reporting**
  Integrated Administration tools to allow easy contact center setup incl. call flows, announcements and customized reporting



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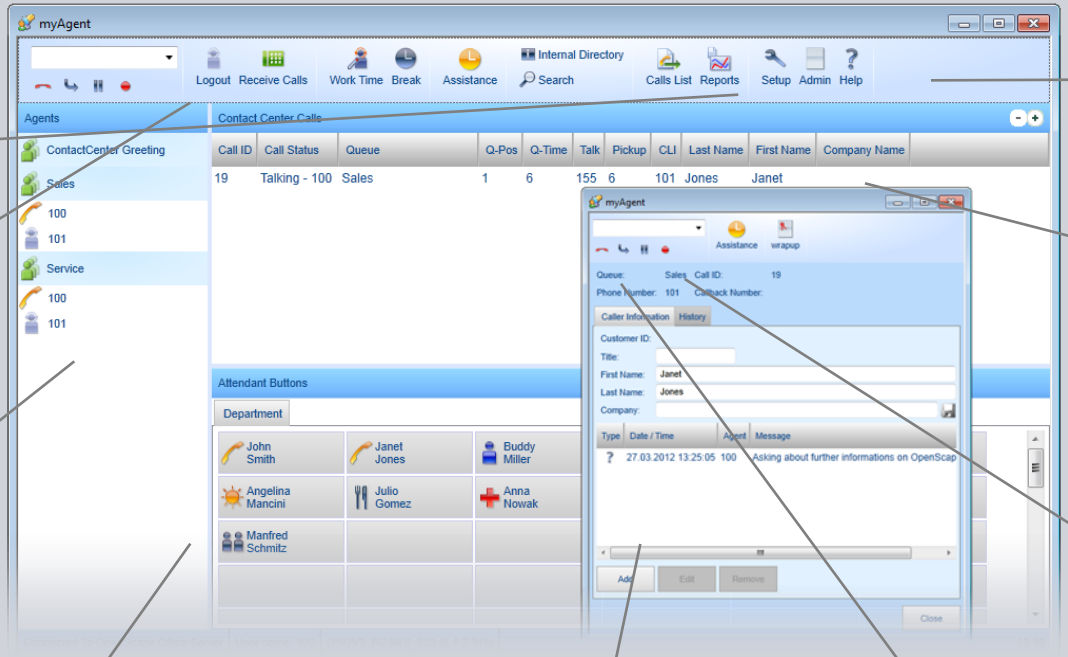
OpenScape Business
Improves Customer Services, one call resolution

SIEMENS



Reports

Customized Agent desktop

Agent Functions

Contact Center voice calls, Fax & eMail

Team Information

Presence of the Experts

Call Pop-Ups

Hands free call control

Individual recording of agent calls

Answer customer calls in a professional manner with the integrated Multimedia Contact Center

UC Suite available with UC Booster Card, Booster Server or Business S

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SIEMENS
CRM Integration and Applications

OpenScape Business
The Open Approach – Easy Integration into IT

SIEMENS

Software based UCC solutions – Integration and Interfaces

Integration

- Integration into business environments and customer databases with Open Directory Services and Application Launcher to increase productivity

Social Collaboration

- Extending communications reach with standard Interface XMPP leveraging social media networks (e.g. Google Talk)

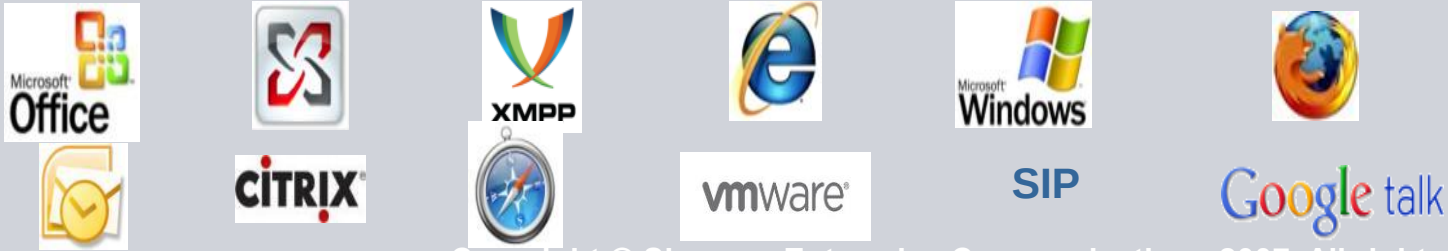
Flexible Deployments

- Desktop and OS/Application level virtualization reducing physical HW while enhancing availability and reliability

Connectivity

- Open SIP Interface to leverage lowest cost IP communications via SIP trunking, including service such as Skype Connect

The Open Approach" – Enabling IT flexibility"
UCC solutions based on industry standard interfaces allowing customers to seamlessly integrate into the IT Eco Systems of choice



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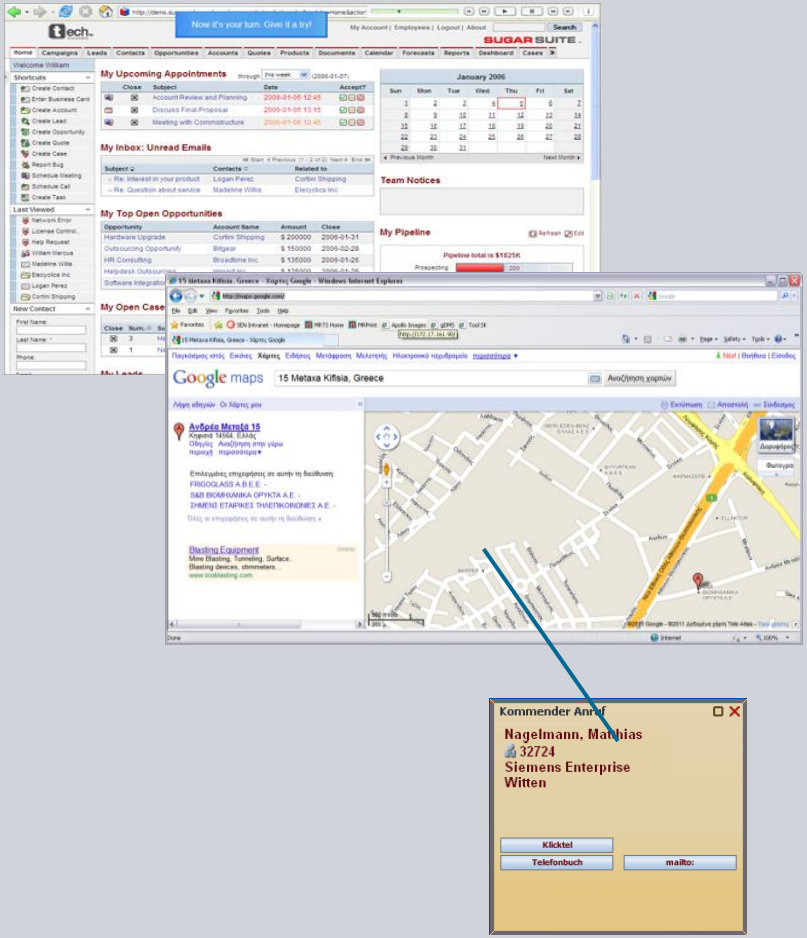
OpenScape Business Application Launcher
The flexible way to integrate your CRM Business Applications

OpenScape Business Application launcher is a client application that allows the launch of 3rd party business applications based on Caller Identification (CLI)

- **Enhanced productivity and customer services** by handing over caller information (incoming and outgoing calls) from OpenScape Business into existing customers CRM apps.
- Up to five criteria's (e.g. Customer ID) can be handed over towards specific customers applications
- Launch of customer applications based on:
  - Batch File Execution (e.g. vTiger CRM)
  - URL Execution (e.g. Online Phone Books or Localization via Google Maps)
- Flexible pop-up windows with customizable action buttons allowing execution of specific applications on demand
- OpenScape Business Application Launcher can be licensed individually per user client



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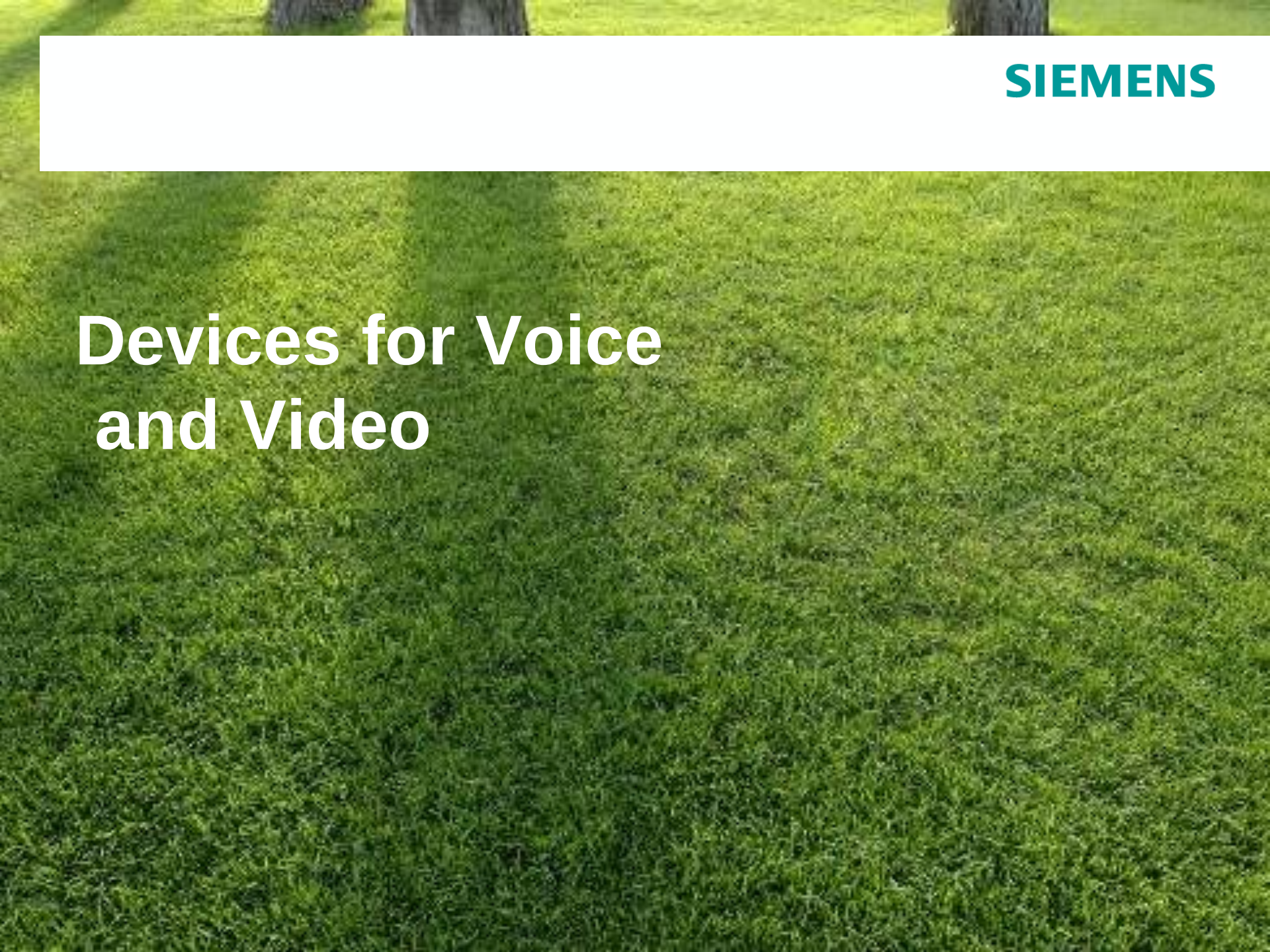
SIEMENS
Devices for Voice
and Video

OpenScape Business
Full range of UC enabled Devices and Voice Clients

OS 5	OS10	OS15	OS20	OS30	OS40	OS60	IP35/55 (SIP)

OpenStage HFA, SIP and T - secure and reliable advanced phones

Migration of existing optiPoint Phones possible

Mobile UC

CMI, IP DECT and WLAN

Soft Clients

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OpenStage Gate View
Integrated monitoring solution

SIEMENS

OpenStage Gate View a convenient monitoring solution for SMEs

OpenStage Gate View is a user friendly
Security solution for real-time video surveillance, with the
Monitoring and safety control are everywhere can

Control and monitoring with real-time video and numerous equipment options
PC desktops (Web client)
OpenStage 60
iPhone / iPad - with OpenStage Gate View App

A whole range of certified IP webcams is available?
Support a flexible video recording for security and monitoring neuralgic points (eg entrance, park, gates and doors, etc.)

Video surveillance in entrance areas and inlet grant on OpenStage phones in conjunction with video door phones

Together with UC Suite available (UC booster card or BusinessS)

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SIEMENS
Networking and Virtualization

OpenScape Business Networking
Powerful Telephony and UC Networking capabilities for multisite environments

SIEMENS

amplifyTEAMS

Powerful OpenScape Business Voice and UC Networking capabilities

Voice and UC Networking is important for SMBs

- Many Businesses have multiple locations (branches, sales offices, etc.) or offices on a single campus
- Site expansion is also typical as small and medium sized businesses grow
- The need to communicate and collaborate as one entity is especially critical for smaller companies trying to compete with large enterprises

Benefits

- Always know the availability of your colleagues in other locations
- Stay within reach of your colleagues and customers from any device and location
- Managing a single UC domain vs. multiple redundant standalone deployments

OpenScape Business Voice and UC Networking
Growing demand on SMB customers with multi-site environments

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OpenScape Business UC Networking
UC Suite Features in the Network

SIEMENS

- Voice supported presence management (presence visibility)
- Network-wide call status (ringing, on call, active mobile device)
- Call Pick Up via myPortal
- Instant Messaging including multi user chats
- Drag & Drop Conferencing in the network
- Network-wide Web Collaboration (with Desktop Sharing & Video)
- Voicemail forwarding in the network
- Business Attendant and myAttendant change presence status for all users
- System-wide internal directory and favorites
- External directories via Open Directory Services
- Integration into MS Exchange calendar and public folders
- XMPP based presence & chat support to external partners
- Providing network-wide busy lamp indication on DSS Phone Keys

UC Suite with X3/X5/X8

UC Booster-Karte and/ or -Server

OpenScape Business S

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Virtualization
Enabling IT so that it is always on

SIEMENS

OpenScape Business S and UC Booster Server
Software based UC Solutions for SMB's allowing Virtualization

Benefits and motivation of virtualized environments:

- Reduction of physical Server-Parks -> HW costs, Space
- Re-organization due to server rank-growth (server farms got out hand)
- Need of Centralized Management due to high number of applications
- Enhanced reliability
- Ease of Data Backup and Restore
- Scalability
- Monitoring
- Re-use of old OS systems in a virtual environment
- Green IT aspects (One Server needs less power)
- Reduced Service Hours

OpenScape Business supports virtualization with

VMware vSphere

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OpenScape Business Survivability options

SIEMENS

OpenScape Business Survivability – It is your choice

High Availability Server HW

- Dedicated Standard Industry Server
- Redundant power supply
- Linux SW based redundant hard disks (RAID)
  two physical HD's recommended
- ECC RAM to detect and correct RAM errors

X3/X5/X8 failover - survivability

- OpenScape Business S to X3/X5/X8 failover scenario, when OpenScape Business X3/X5/X8 is used as gateway
- In case of Business S emergency, OS IP devices will automatically re-register via second standby registration setting towards existing X3/X5/X8 system
- Voice functionality can be used during the emergency mode

VMware – High availability

- Monitors and detects virtual machines for "guest OS" failures and automatically starts virtual machines
- Detects server failures automatically, using a "heartbeat" on servers
- Restarts virtual machines almost instantly without human intervention on a different physical server
- In case of fail over Business S will restart immediately with existing configuration; no further licenses needed

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SIEMENS
OpenScape Business
into the future

OpenScape Business supports the key requirements of your Business

Easy to installation & maintain: System that easily allows the implementation of UC, migration to IP and upgrades with little risk or complex installations

Scalable & Flexible: A simple Voice and UC solution that grows with your business

Mobility/Distributed Workforce: Experience independent mobility and collaborate anywhere

Management of Operational Costs: Investment protection by migration

Productivity and Customer Service: Boost employee productivity and get more done, while serving customers and employees even better to increase retention and loyalty

Support: Vendor-backed service support inclusive in product for added peace of mind

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OpenScape Business
With UC for Small Medium Enterprises into the future

SIEMENS

OpenScape Business fits the needs of SMB customers with consistent user experience in collaboration, social media, contact centers and mobility with flexible deployment offerings

SEN is the most trusted and credible supplier of communications worldwide,
with specifically tuned and packaged solutions for SMBs
The right and perfect choice for Small Medium Customers

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SIEMENS
OpenScape Business UC
Values

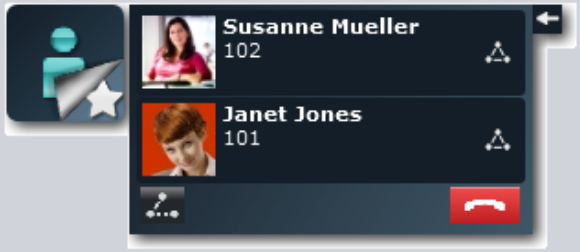
myPortal Smart
Powerful entry solution to step into the UC World

SIEMENS

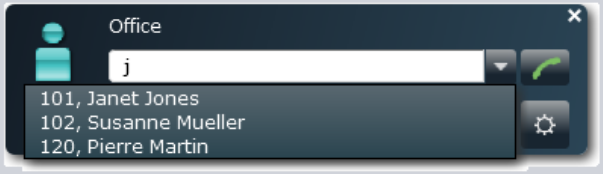
Save space on your desktop, little App Icon

Have your favorites available at your fingertips. Click and dial out of your favorites

Transfer calls and easy setup conference calls



Quick and live search options



More efficient communication, get in contact with your business partner quicker

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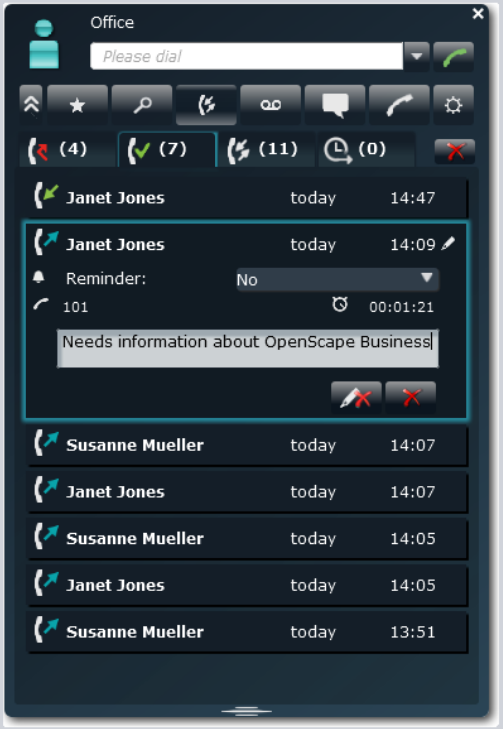
myPortal Smart
Powerful entry solution to step into the UC World

SIEMENS

Create a call reminder and a notice per call,

Call Journal with missed, outgoing and incoming calls, callback just via mouse click



Quick and visual access to your call journal with call reminder functionality. Never miss an important business call again

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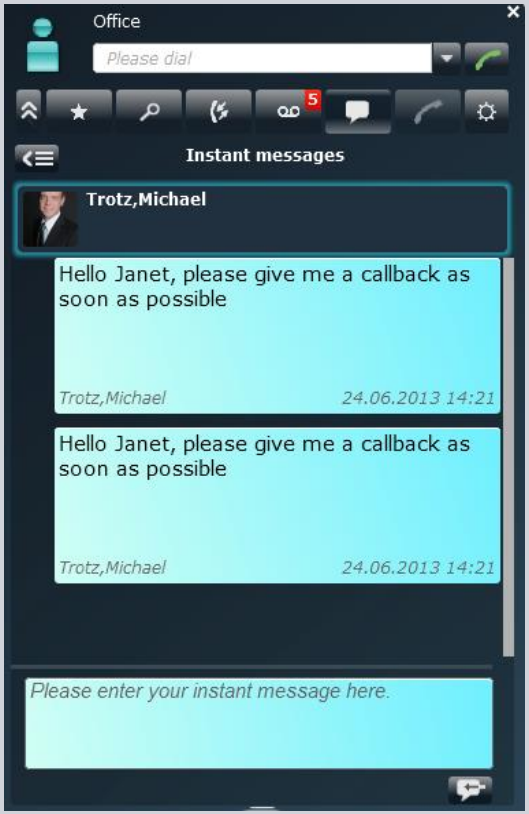
myPortal Smart
Powerful entry solution to step into the UC World

Get in quick contact with colleagues with UC Smart chat option

Listen to your voicemail messages,, and listen to the most important voicemal first with visual voicemail



Get in quick contact with your colleagues and business partners by using chat and visual voicemail

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myPortal for Outlook
Better sales prospects, higher productivity

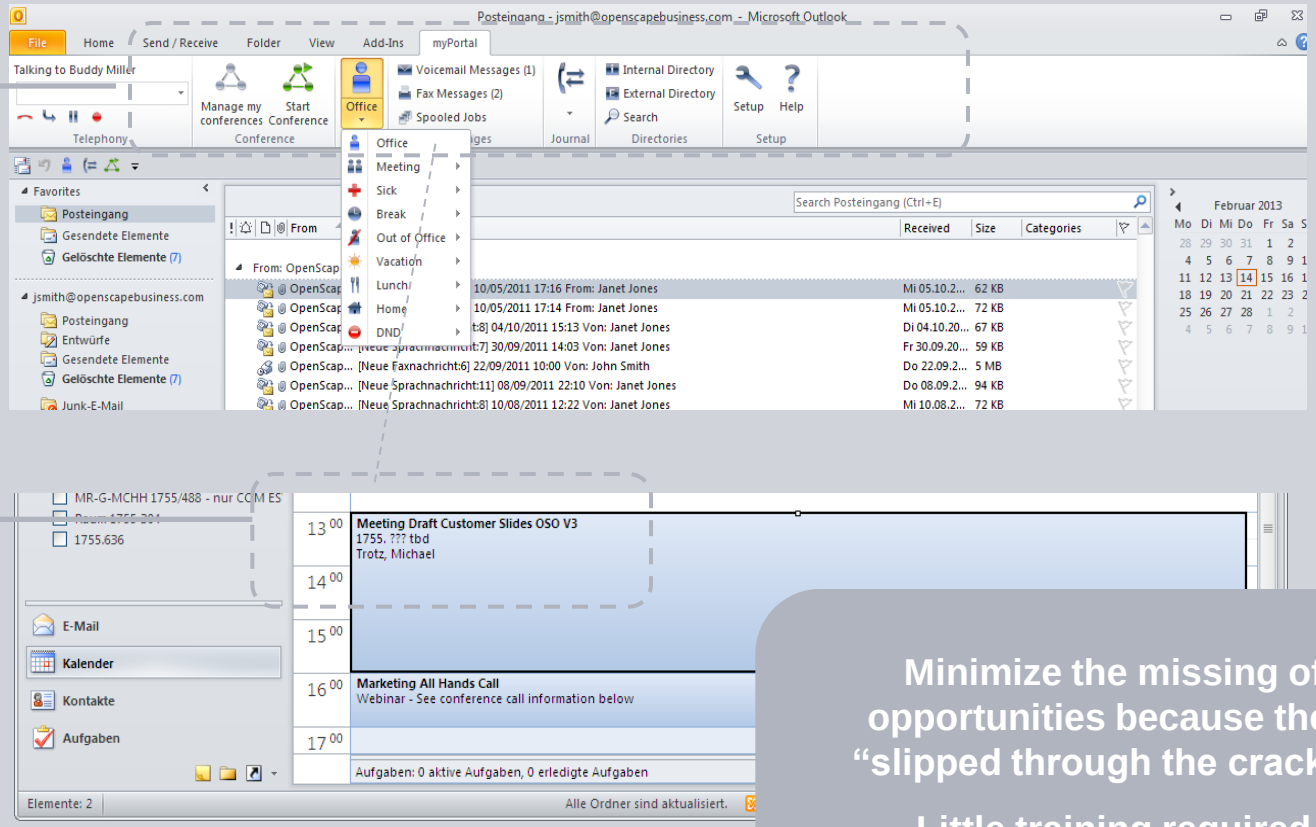
SIEMENS

New „ribbon“ based Microsoft Outlook 2010 & 2013 Plugin (32&64Bit)

Install a simple plug-in to integrate myPortal with Outlook

Presence status automatically changes based on keywords in your calendar

A familiar, single view of all emails, faxes, etc. in one portal



Minimize the missing of opportunities because they “slipped through the cracks”

Little training required

Improved staff satisfaction

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Integrated Presence
Increase productivity and satisfaction

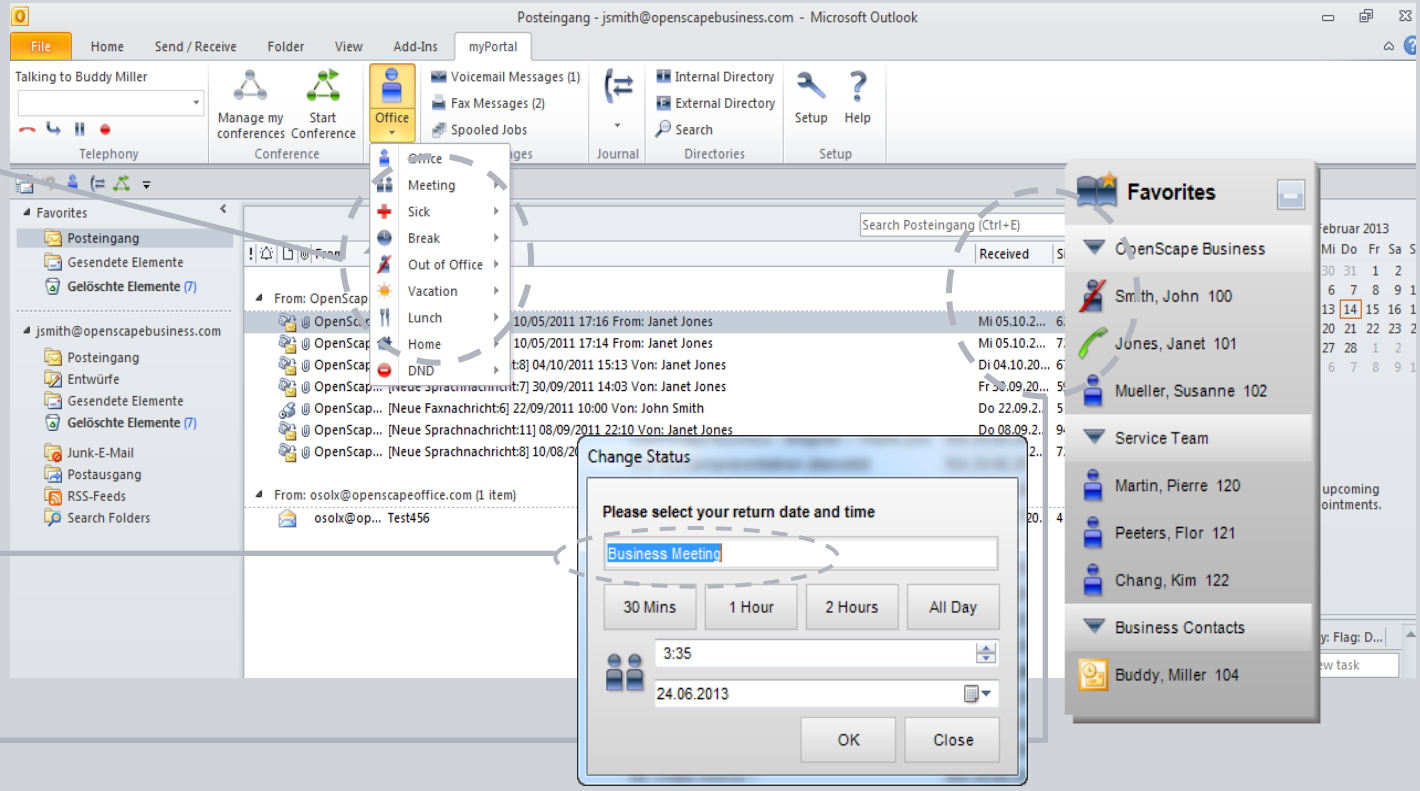
SIEMENS

Set presence status via your Outlook calendar

Voicemail changes automatically to reflect presence status, so external and internal users are presence-aware!

Provide individual written presence information

See who is already on another call



Increase productivity

Decrease phone tag

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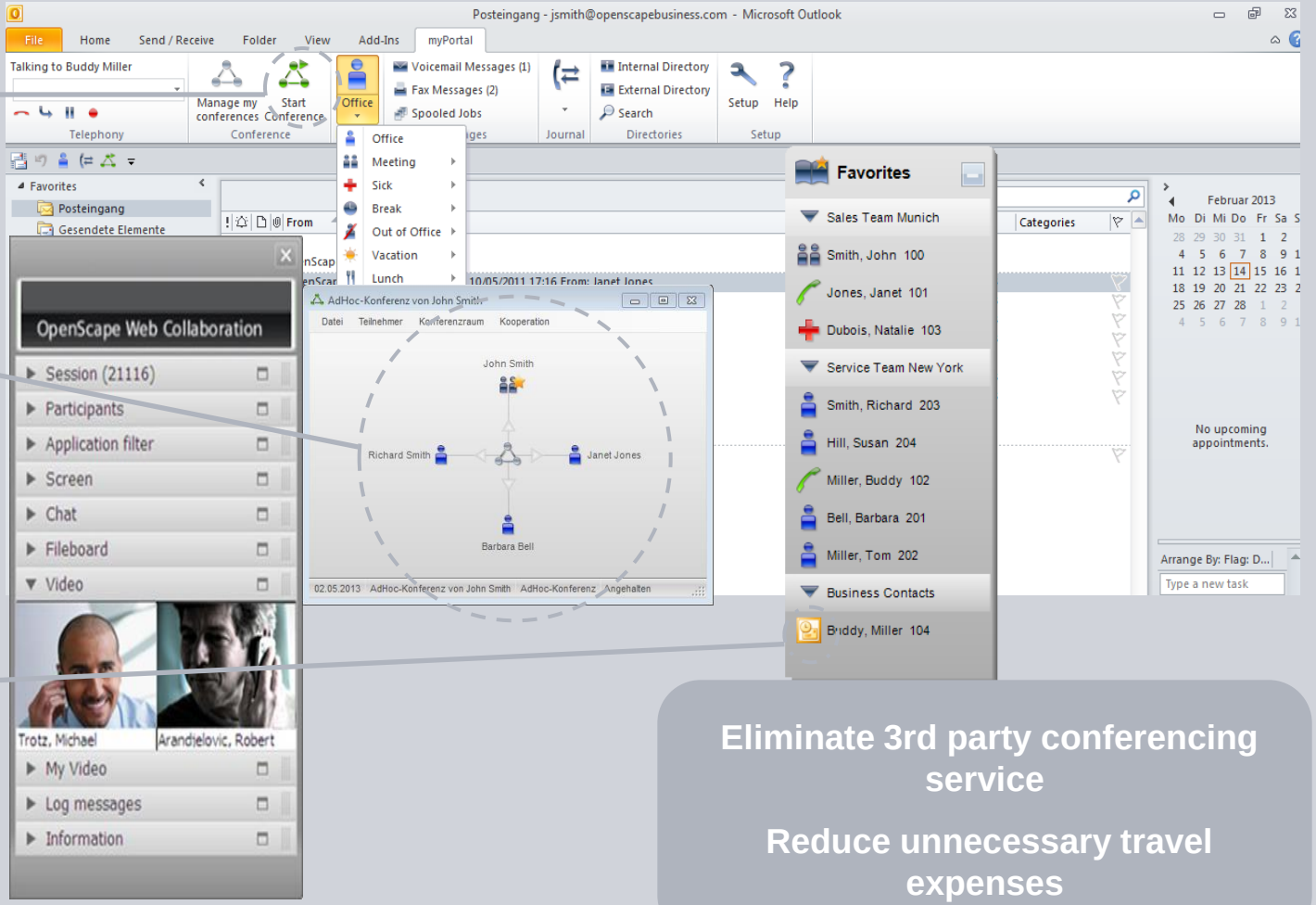
Drag & Conferencing and Web Collaboration
Decrease operational cost, increase productivity, save travel expenses

SIEMENS

Instantly start a voice conference & Web Collaboration incl. Desktop Sharing and Video directly from MS Outlook!

Visually manage call setup and save frequently used conferences

Drag & Drop internal and external contacts via the Favorites List



Eliminate 3rd party conferencing service

Reduce unnecessary travel expenses

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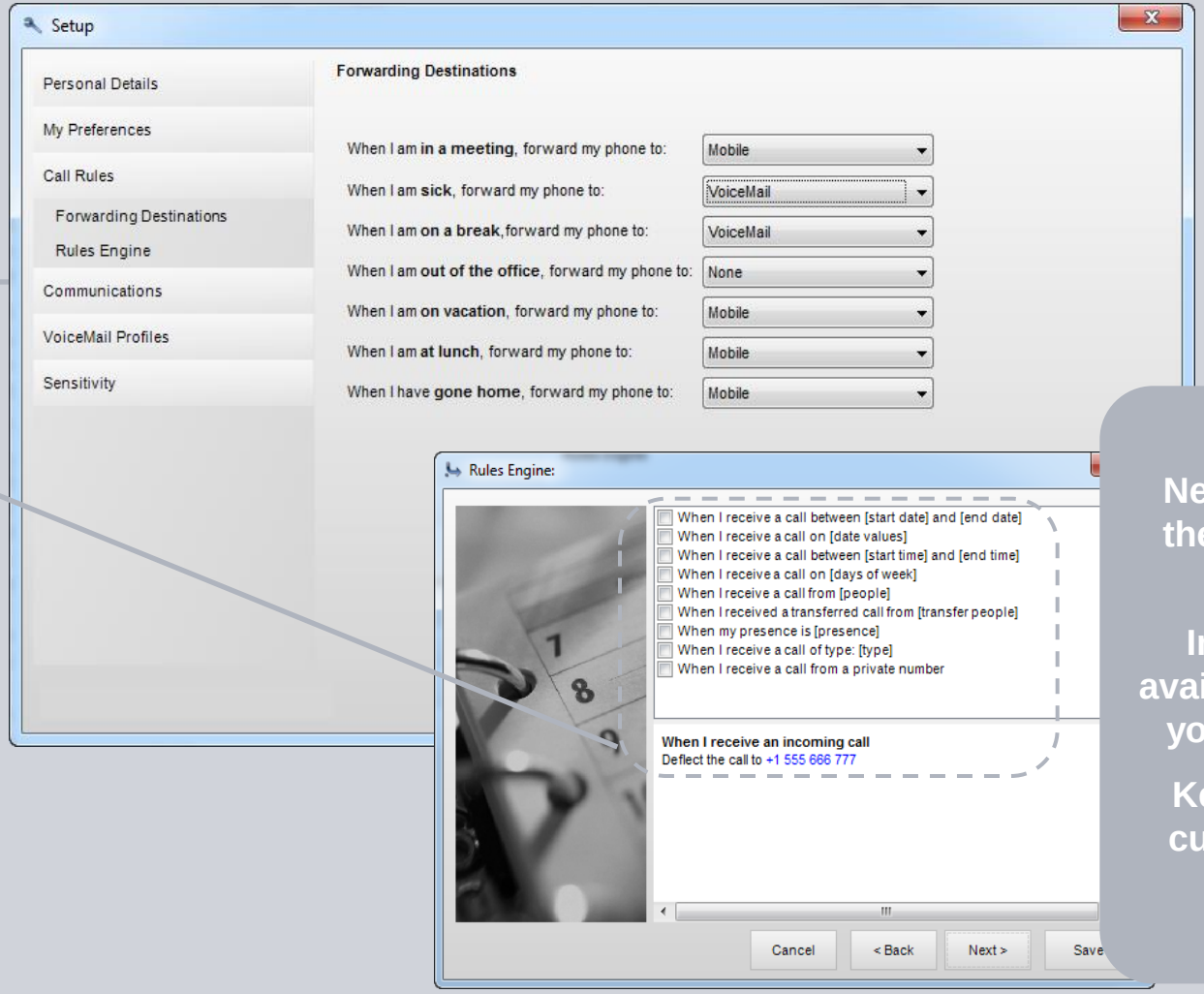
One-Number-Service
Increase productivity, decrease training costs

SIEMENS

Control how calls are routed depending on your presence status

Set up specific rules for VIPs that override standard policy

Give out one number, not 3, 4 or more


Setup
Personal Details
My Preferences
Call Rules
Forwarding Destinations
Rules Engine
Communications
VoiceMail Profiles
Sensitivity
Forwarding Destinations
When I am in a meeting, forward my phone to: Mobile
When I am sick, forward my phone to: VoiceMail
When I am on a break, forward my phone to: VoiceMail
When I am out of the office, forward my phone to: None
When I am on vacation, forward my phone to: Mobile
When I am at lunch, forward my phone to: Mobile
When I have gone home, forward my phone to: Mobile
Rules Engine:
When I receive a call between [start date] and [end date]
When I receive a call on [date values]
When I receive a call between [start time] and [end time]
When I receive a call on [days of week]
When I receive a call from [people]
When I received a transferred call from [transfer people]
When my presence is [presence]
When I receive a call of type: [type]
When I receive a call from a private number
When I receive an incoming call
Deflect the call to +1 555 666 777
Cancel
< Back
Next >
Save

Never miss the key call again!

Increase availability for your terms

Keep your customers happy

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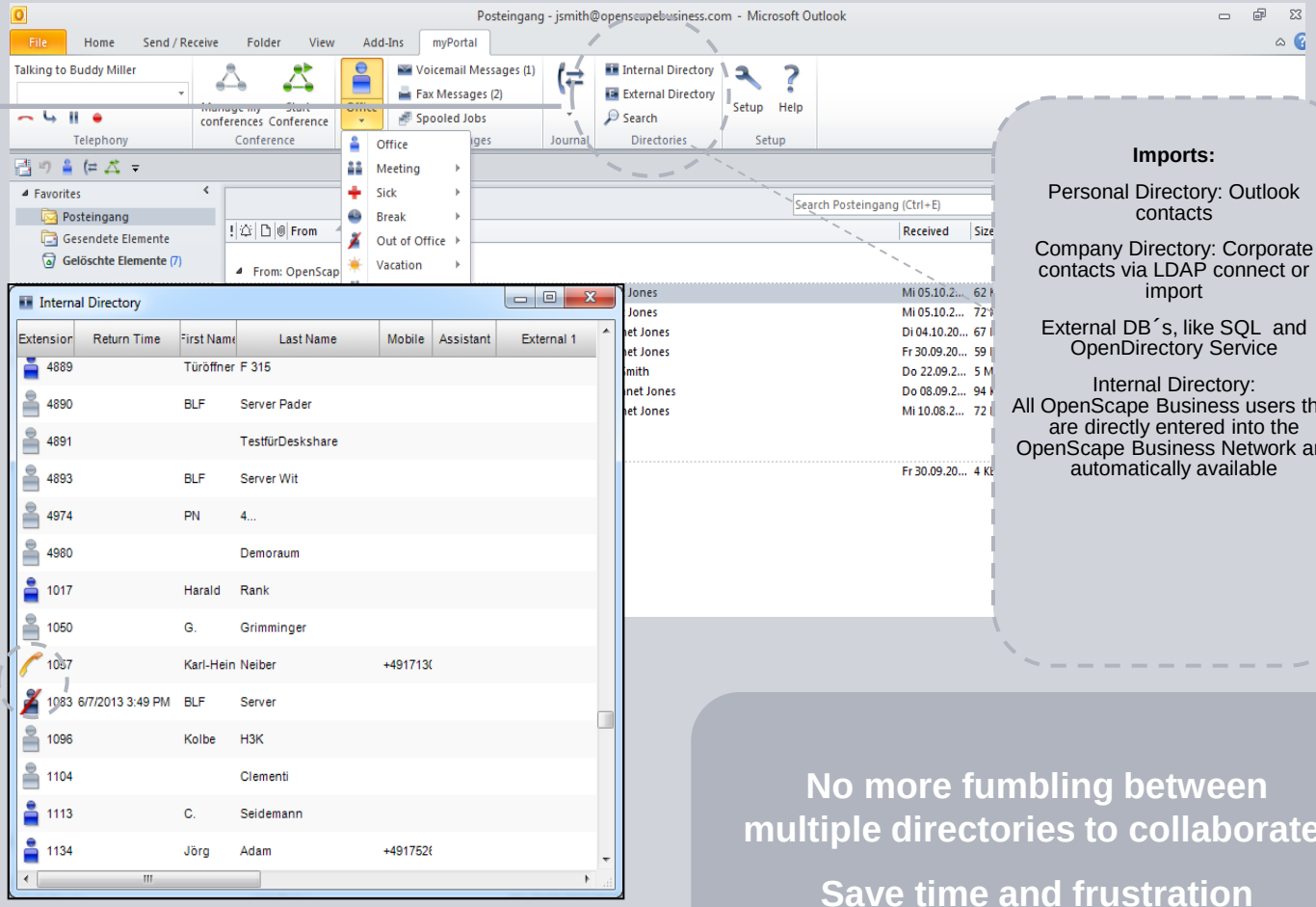
Directory Access
Increase productivity and employee satisfaction

SIEMENS

Find contacts quickly and easily with combined directory searching

Central directory covering contacts in all office locations including their current availability



Imports:

Personal Directory: Outlook contacts

Company Directory: Corporate contacts via LDAP connect or import

External DB´s, like SQL and OpenDirectory Service

Internal Directory:
All OpenScape Business users that are directly entered into the OpenScape Business Network are automatically available

No more fumbling between multiple directories to collaborate

Save time and frustration

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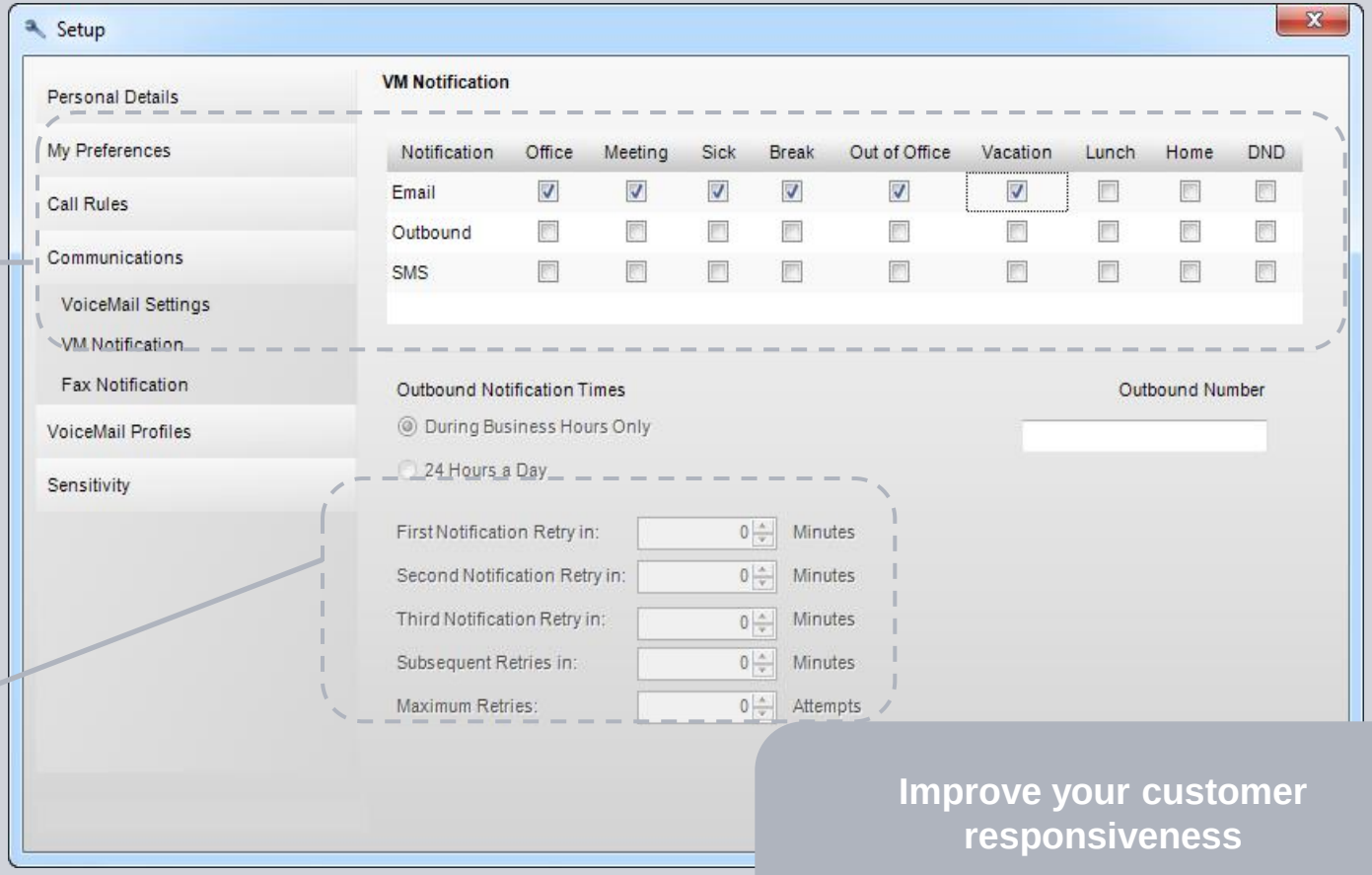
Personal Notifications
Increase productivity, decrease training costs

SIEMENS

Always know when you have received an incoming voice or fax message

Be informed and act accordingly

Choose how and when to be notified



Improve your customer responsiveness

Critical for sales reps, managers, and key employees

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Visual Voicemail
Increase productivity, improve workflow

SIEMENS

Prioritize voice messages. Know which message to respond to first before even listening to them.

Click and play to retrieve voice messages via phone or computer speakers

Send an email with a voicemail attached as a .WAV file

Manageable access to current information

Never miss an important call

ONE system to log into

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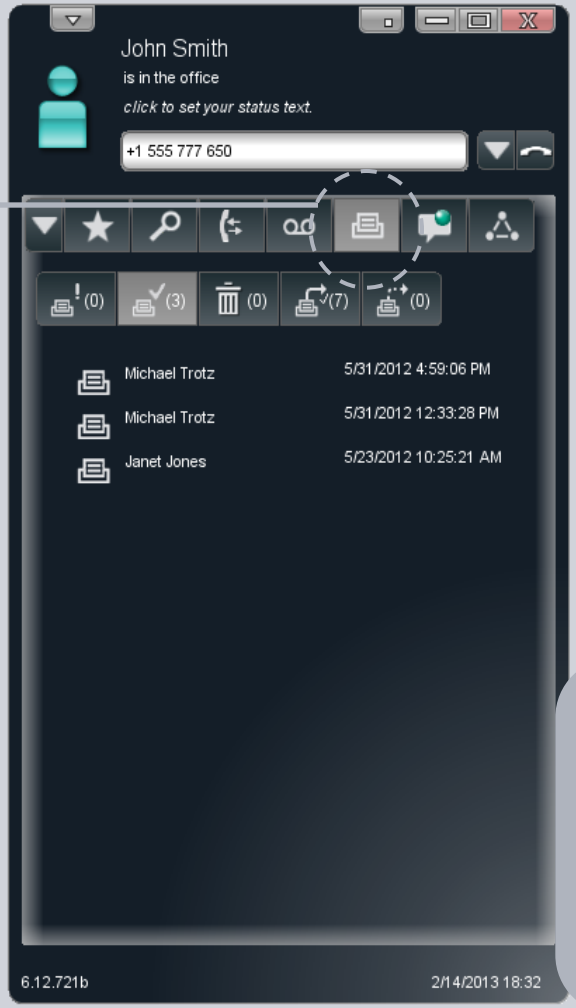
Fax Box
Increase productivity, improve workflow

SIEMENS

Receive, view, and manage fax messages as they come in

Forward, save, and file fax messages as needed

Use a simple print driver for outgoing fax messages



Never miss a fax message (order, instruction, contract)

Secure, current and manageable information

One screen, one system

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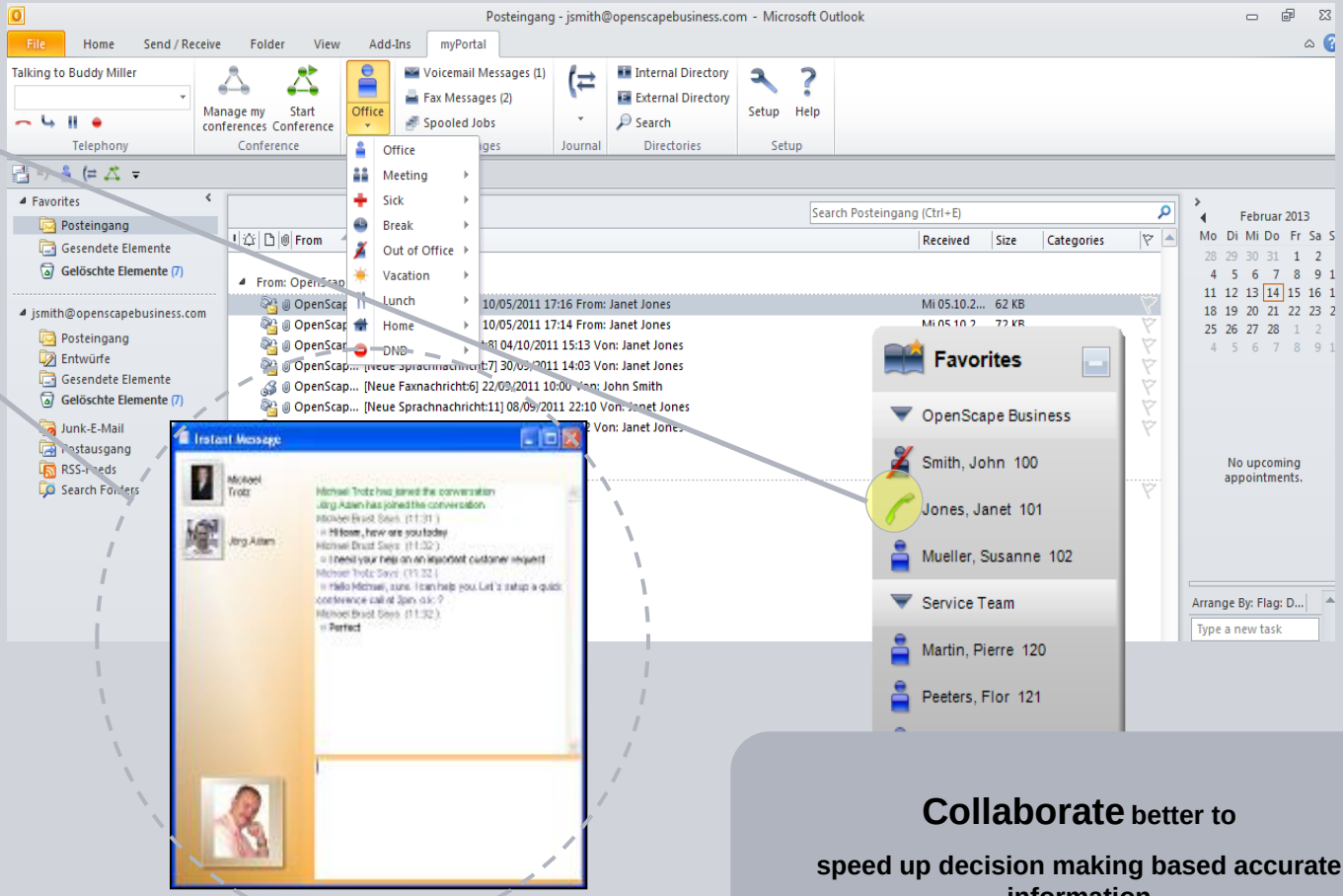
Instant Messaging
Increase productivity and employee satisfaction

SIEMENS

Quickly communicate with contacts from your Favorites list

Communicate in real time with multiple team members instead of waiting for emails



Collaborate better to

speed up decision making based accurate information

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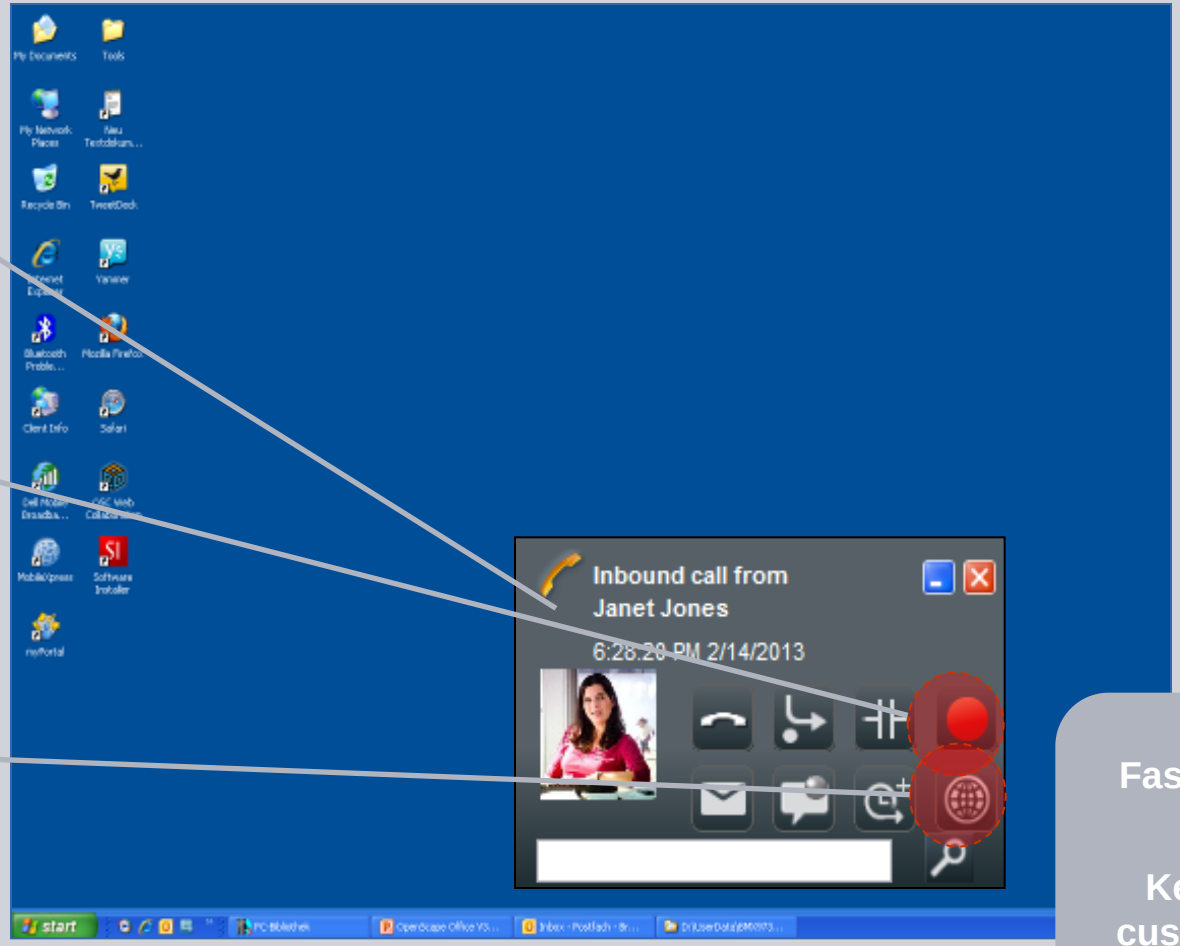
Call Pop-ups and Live Call Recording
Increase response time and satisfaction

SIEMENS

Be immediately informed when important calls come through

Record important live phone calls when you are already in a call

Start a web-collaboration session when you are already in a call



Faster response time

Keep track of customer issues

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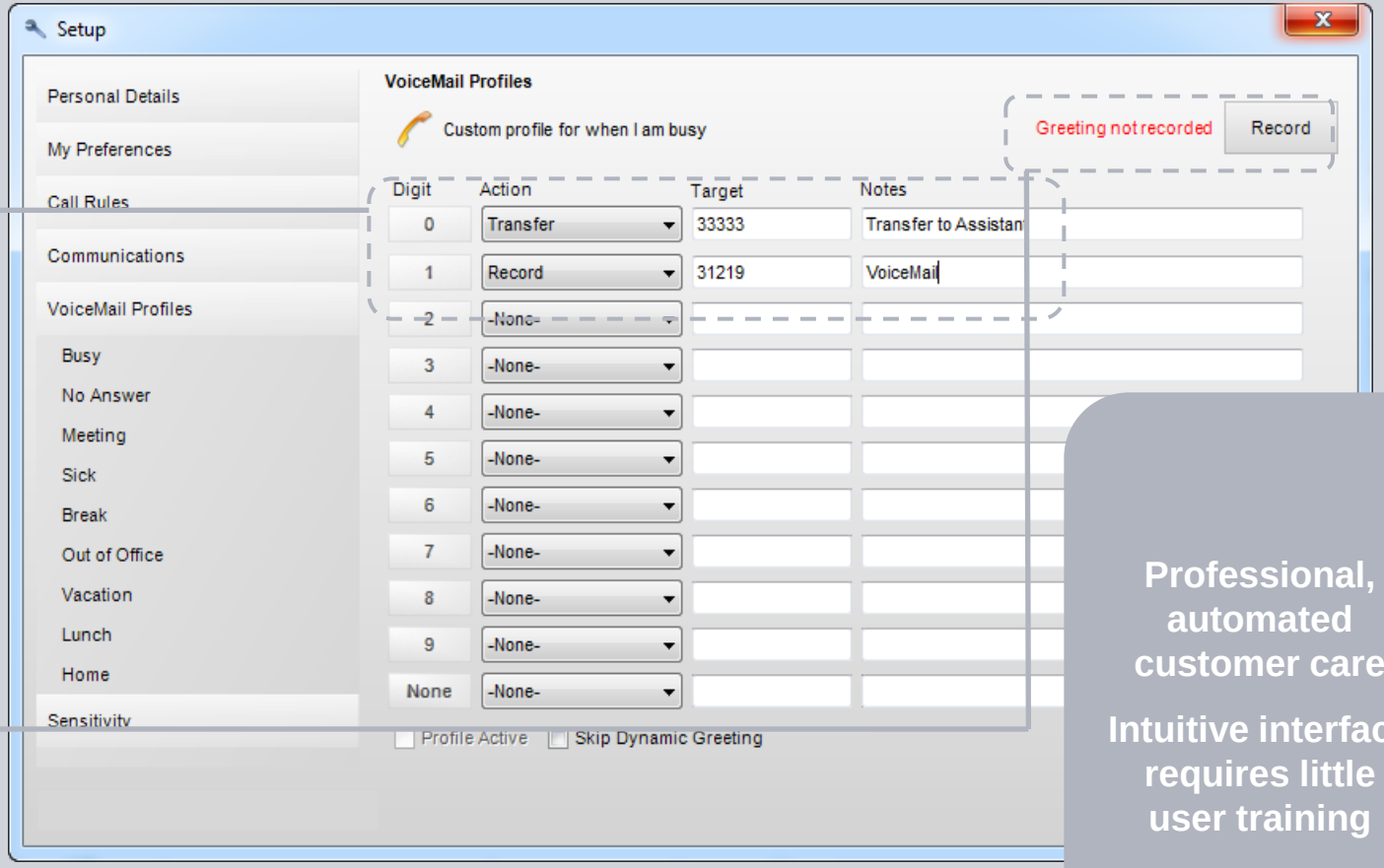
Personal AutoAttendant
Increase productivity, decrease training costs

When you are unavailable, allow your customers to talk to a colleague or assistant instead of going to voicemail

Simply click a button to record your personal menu



Professional, automated customer care

Intuitive interface requires little user training

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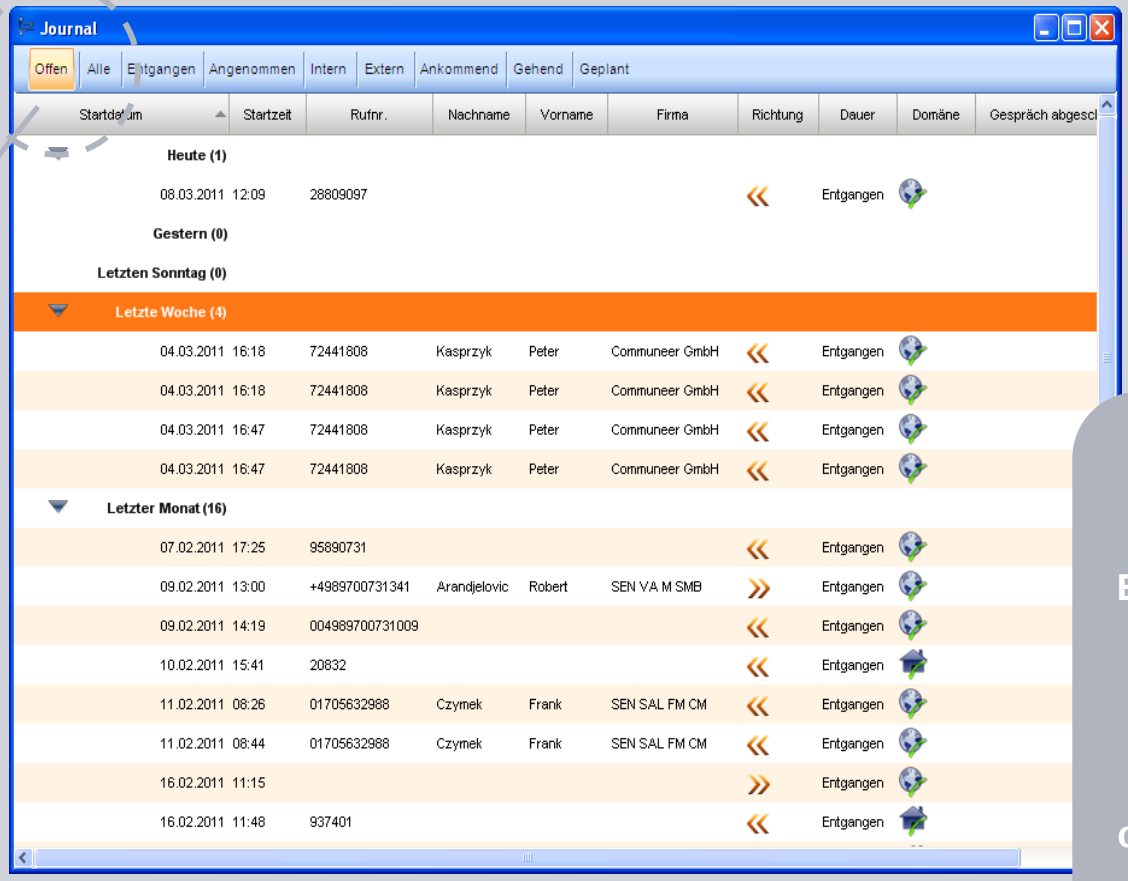
Call Journal
Increase productivity, improve workflow

SIEMENS

Your call journal displays your call history. Don't go crazy trying to remember who you have called and who you haven't reached, yet

Easily track which customers, vendors, and other contacts with whom you need to get in touch



Startdatum	Startzeit	Rufnr.	Nachname	Vorname	Firma	Richtung	Dauer	Domäne	Gespräch abgesc
Heute (1)									
08.03.2011	12:09	28809097				«	Entgangen		
Gestern (0)									
Letzten Sonntag (0)									
Letzte Woche (4)									
04.03.2011	16:18	72441808	Kasprzyk	Peter	Communeer GmbH	«	Entgangen		
04.03.2011	16:18	72441808	Kasprzyk	Peter	Communeer GmbH	«	Entgangen		
04.03.2011	16:47	72441808	Kasprzyk	Peter	Communeer GmbH	«	Entgangen		
04.03.2011	16:47	72441808	Kasprzyk	Peter	Communeer GmbH	«	Entgangen		
Letzter Monat (16)									
07.02.2011	17:25	95890731				«	Entgangen		
09.02.2011	13:00	+4989700731341	Arandjelovic	Robert	SEN VA M SMB	»	Entgangen		
09.02.2011	14:19	004989700731009				«	Entgangen		
10.02.2011	15:41	20832				«	Entgangen		
11.02.2011	08:26	01705632988	Czymek	Frank	SEN SAL FM CM	«	Entgangen		
11.02.2011	08:44	01705632988	Czymek	Frank	SEN SAL FM CM	«	Entgangen		
16.02.2011	11:15					»	Entgangen		
16.02.2011	11:48	937401				«	Entgangen		

Eliminate need to log into multiple voicemail systems

Improved customer service

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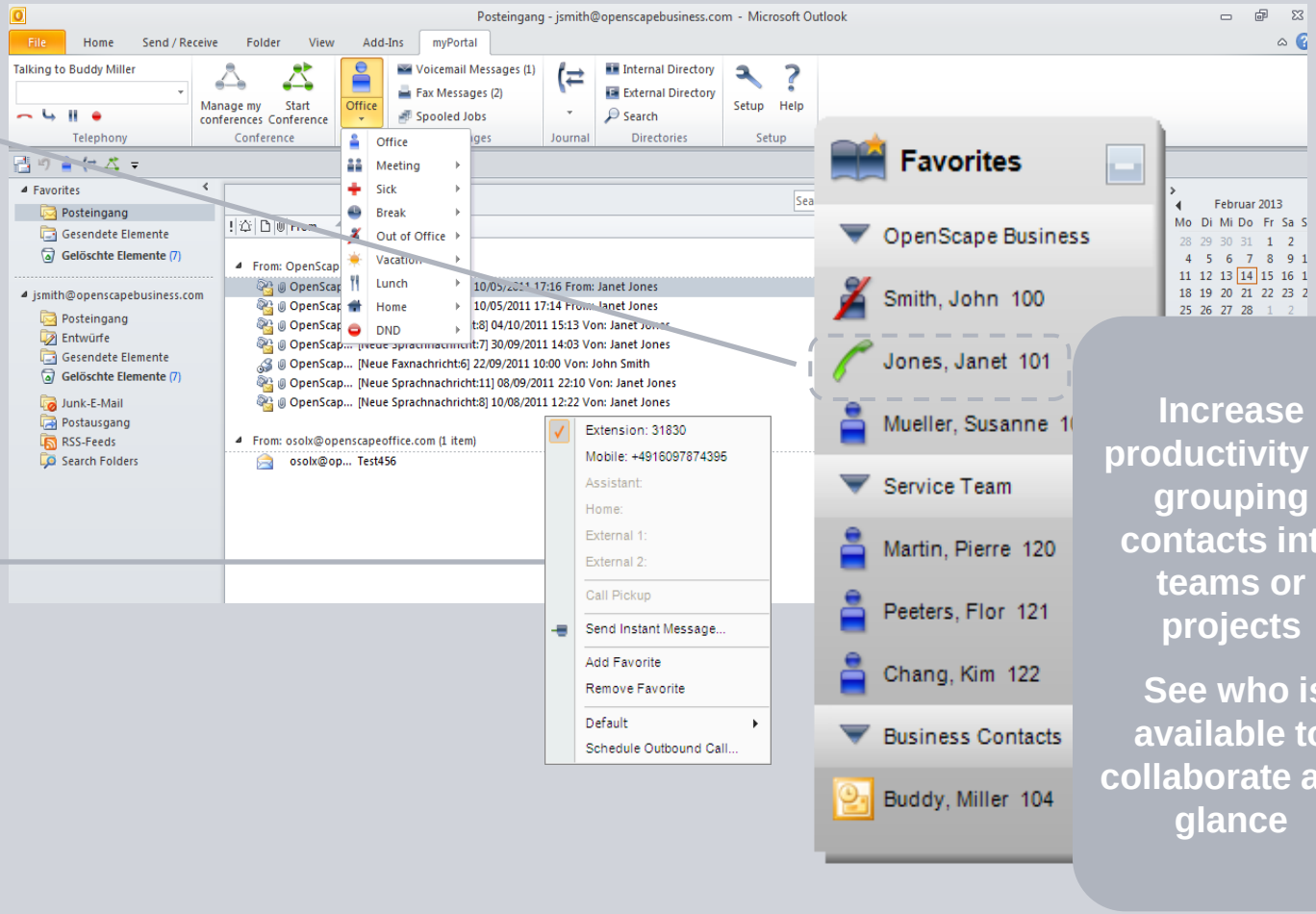
Favorites List
Increase productivity and employee satisfaction

SIEMENS

See all your Favorites independent from their office location in one view; IM or call them with just a click

Dial a favorite via any number (office, mobile, etc.) directly with one click

Drag and drop your favorite people from any one of the combined directories



Increase productivity by grouping contacts into teams or projects

See who is available to collaborate at a glance

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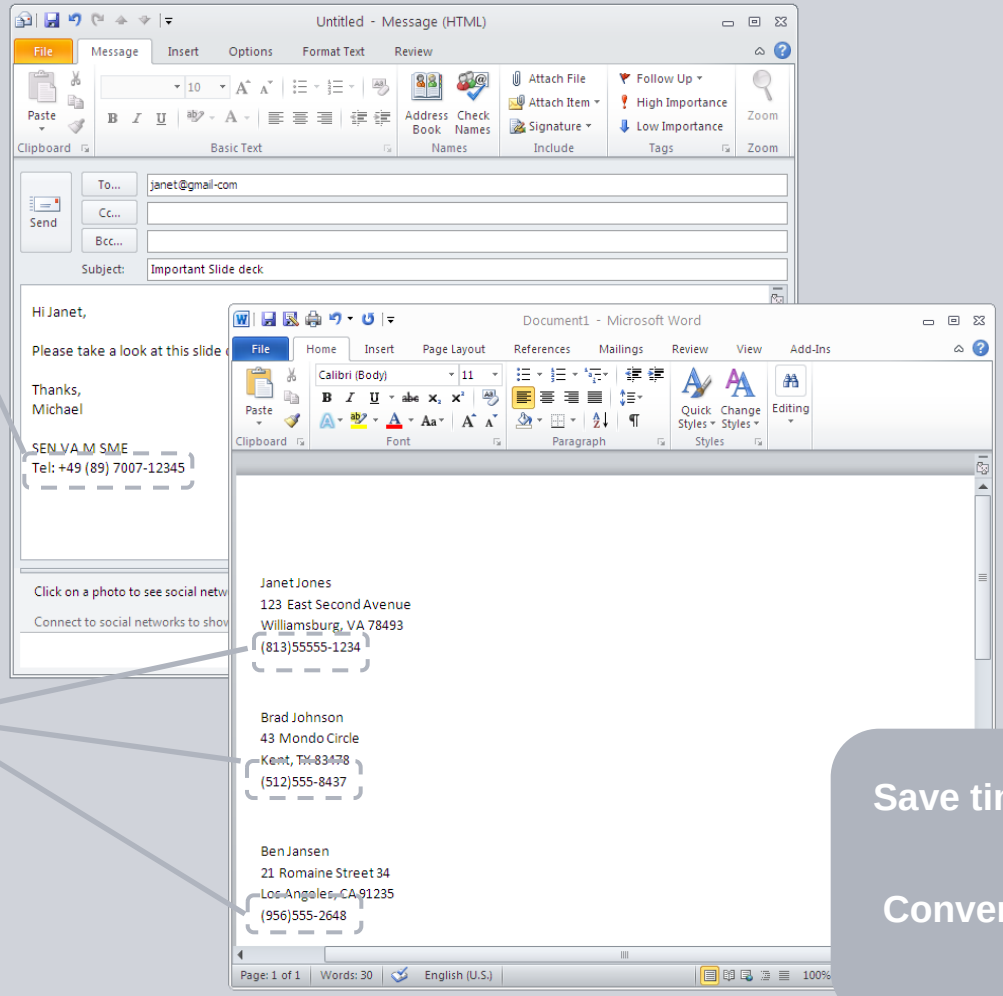
Click to Dial from any Application
Increase productivity and improve response time

SIEMENS

Call a contact directly from a number that is displayed in any application

For example, dial a number from a customer mailing list in Word, a vendor number in your Internet browser, or customer in your CRM package (i.e. SalesForce.com)



Save time. Just click and dial!

Convenient for customer follow-up

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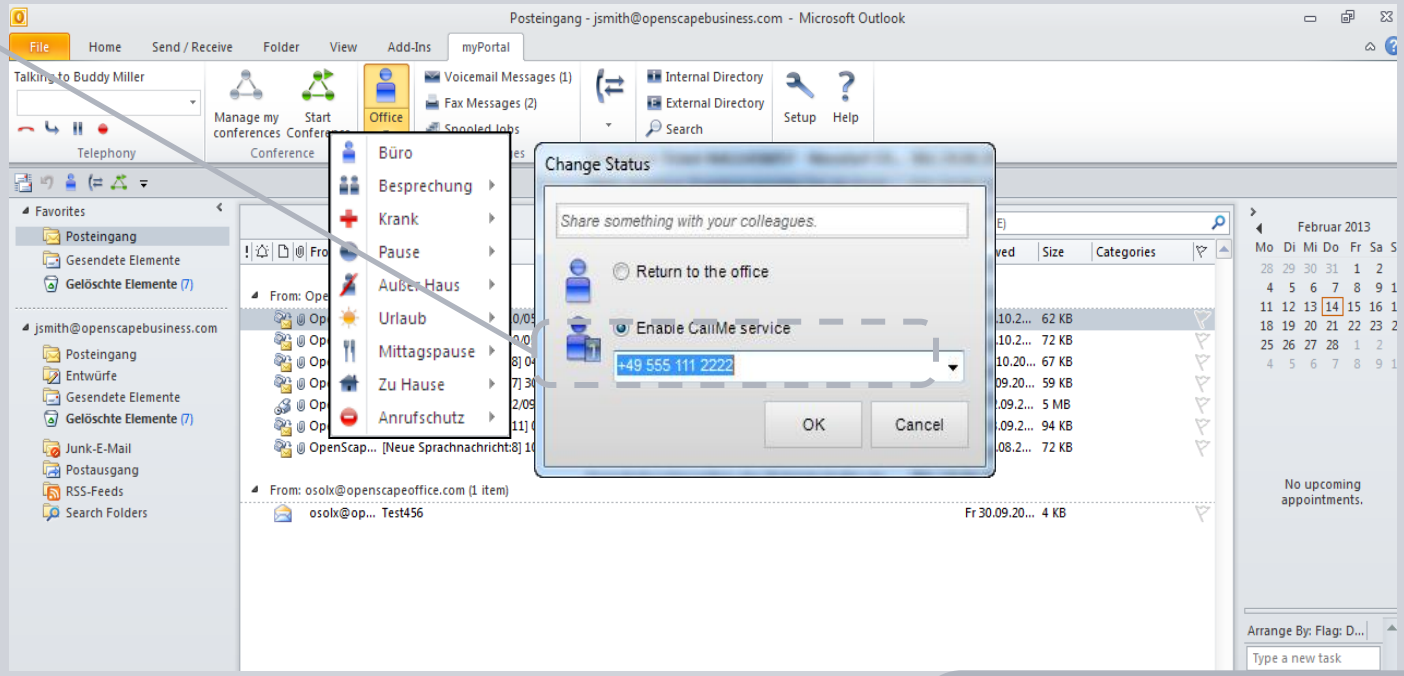
Call Me!
Increase Reachability and Responsiveness

SIEMENS

Forward all incoming calls to your mobile or home number in 10 seconds

Never miss a call, and don't worry about customers having to try reaching you at multiple numbers



Better customer service

Improved team collaboration

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Social Media Integration
Contact your business partners more efficient

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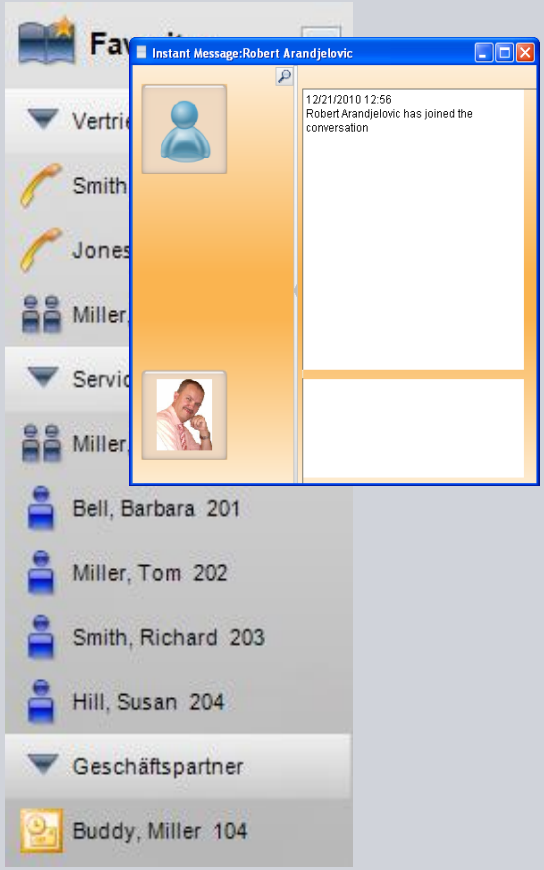
OpenScape Business User

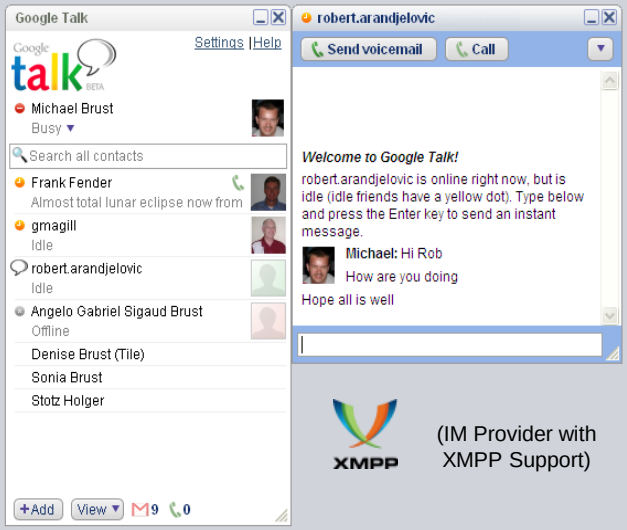


Add your business partners to your favorites list

Internet

- Chat with your external contacts and get their immediate feedback
- See current presence status and check if your contacts are available for a conference call

Business Partner



XMPP (IM Provider with XMPP Support)

Expand availability to business partners

Extend the communication reach

Serve customers better

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myAttendant
Increase productivity, decrease training costs

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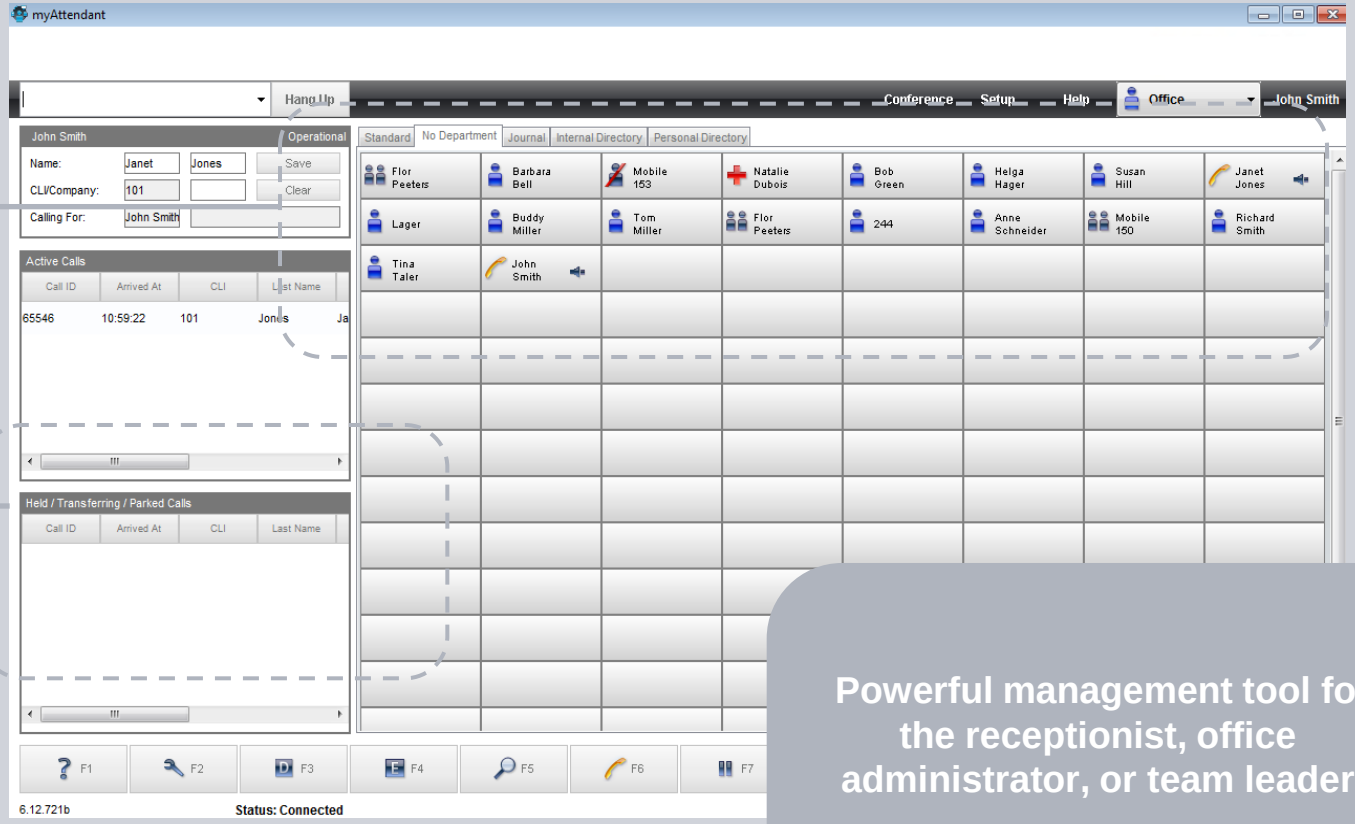
See the entire presence status of everyone in the company; manage and control calls

Transfer calls to staff who are available and can talk to customers immediately

View / change presence and manage voicemail for teams / workgroups. *



Powerful management tool for the receptionist, office administrator, or team leader

Very little training required; intuitive interface

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myAgent (Contact Center Client)
Increase productivity, decrease training costs

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Agent functions

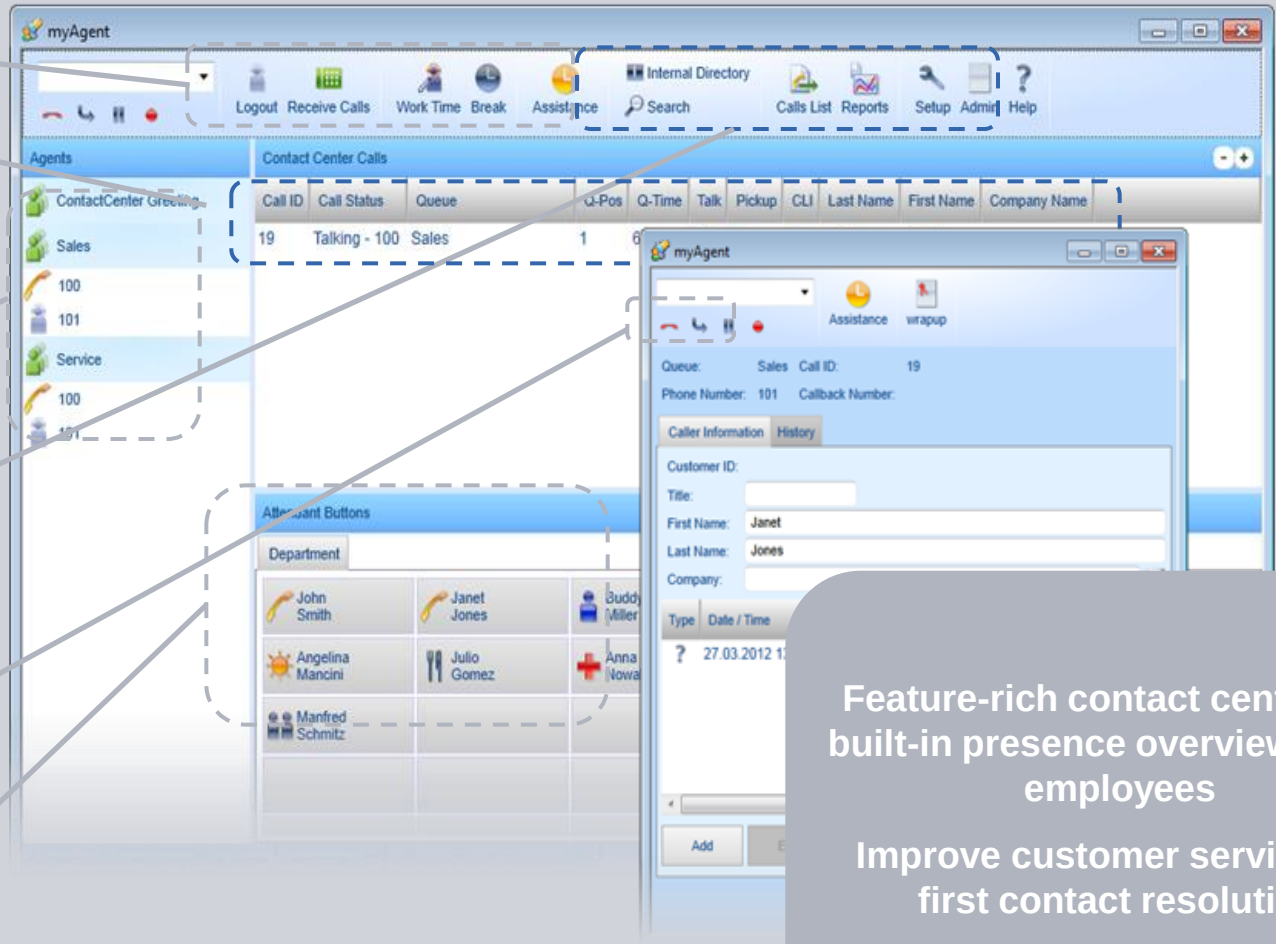
Contact Center calls

Team information

Arrange agent desktop controls

Hands-free controls

Integrated Presence



Feature-rich contact center with built-in presence overview of key employees

Improve customer service and first contact resolution

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HiPath 4000
Medium and Large Enterprise Solutions

Siemens Enterprise Communications Profile – Large, Diverse Customer Base

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Financial Services

COMMERZBANK
citi
ICBC 中国工商银行
BNP PARIBAS
BBVA
浦发银行 SPD BANK
punjab national bank पंजाब नैशनल बैंक

Manufacturing

HELLA Ideas today for the cars of tomorrow
PEUGEOT
GM
FIAT GROUP
PIRELLI
HEIDELBERG

Public sector

NASA
Milano
NATO OTAN
REGIONE DEL VENETO
ҚАЗАҚСТАН ТЕМІР ЖОЛЫ
U.S. AIR FORCE

Healthcare

Charleston Area Medical Center
UMC UNIVERSITY MEDICAL CENTER
Henry Ford HEALTH SYSTEM
UMASS
BlueCross BlueShield
Trofa Saúde
We build relationships based on trust
The Newcastle upon Tyne Hospitals NHS
NHS Trust

Education

MANCHESTER 1824 The University of Manchester
FUNDAÇÃO GETULIO VARGAS
ORU ORAL ROBERTS UNIVERSITY
universität innsbruck
ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG
Universidad de Huelva

Others

Lufthansa
gsk GlaxoSmithKline
Deutsche Telekom
Coca-Cola
PEPSICO
SAP
Telefónica
FedEx Corporation
vodafone
中國東方航空 CHINA EASTERN

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HiPath 4000 Solutions

HiPath 4000 is:	HiPath 4000 provides:	The economic benefit of HiPath 4000 is:
A mature yet innovative communications platform that delivers converged IP communications solutions.	Highly reliable and scalable communications solutions to meet the needs of business today.	Feature-rich, reliable communications with product enhancements continually adding value.
An extensive range of features, combining the advantages of traditional and IP telephony.	An OpenPath to leverage new technology with easy and cost-effective migration options.	Protection of investments with product innovations in hardware, software and licensing.

"HiPath 4000 delivers a rich feature set and exceptional flexibility, scalability and reliability. Customers can retain legacy investment, leverage new IP and SIP technology, and migrate when ready!"

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HiPath 4000 Solutions - Overview

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HiPath 4000 Architecture, Features, Scalability

- Extensive Enterprise feature set for traditional and IP telephony
- Scalable communications deployments supporting from 300 to 12,000 users on a system, 100,000 users in a full network
- Standards-based interworking with multiple competitor's systems and in multiple networks, worldwide
- Public and private network connections via analog, TDM and IP trunks using QSIG, native SIP, and CSTA
- Cost-effective, survivable branch solutions with easy IT integration and full HiPath Management suite
- Deployment options for IP distributed branches, complex corporate networks and stand-alone systems
- Separated Duplex option
- Redundancy options for disaster recovery and operational continuity
- Survivability capabilities with separation of signaling and voice for IP access points
- Rich connectivity and features for SIP trunking, Service Providers and SIP applications
- Productivity enhancements for users with integrated OpenScape UC Suite
- Built-in security and encryption

Over 25 million ports sold in 80 countries

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HiPath 4000 Overview

Solution for Medium to Very Large Enterprises

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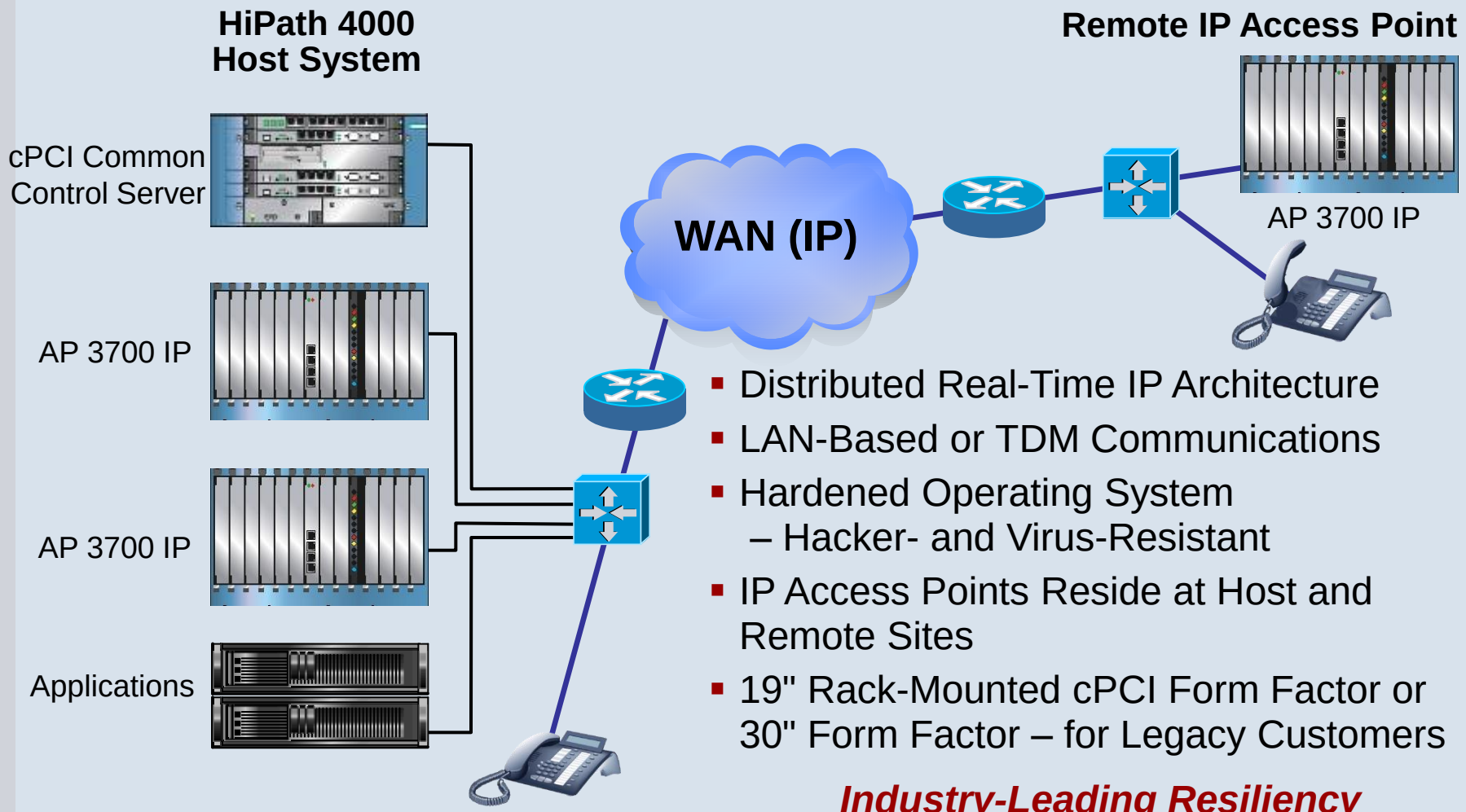

- Distributed Real-Time IP Architecture
- LAN-Based or TDM Communications
- Hardened Operating System
  – Hacker- and Virus-Resistant
- IP Access Points Reside at Host and Remote Sites
- 19" Rack-Mounted cPCI Form Factor or 30" Form Factor – for Legacy Customers

Industry-Leading Resiliency

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HiPath IP Distributed Architecture
True IP System with Payload Switching

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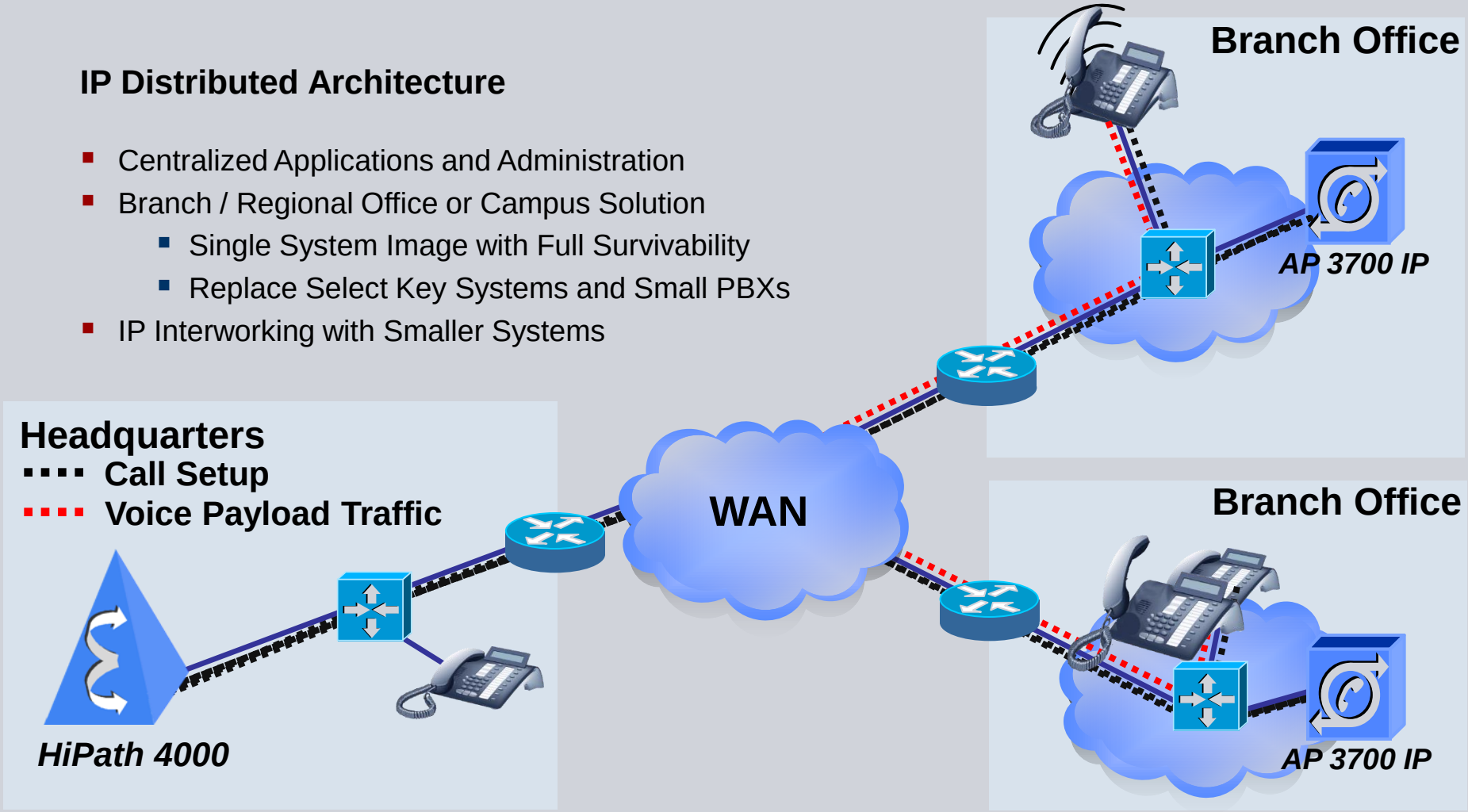
IP Distributed Architecture

- Centralized Applications and Administration
- Branch / Regional Office or Campus Solution
  - Single System Image with Full Survivability
  - Replace Select Key Systems and Small PBXs
- IP Interworking with Smaller Systems



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Scalability
HiPath 4000 Overview

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IP Access Points (APs)

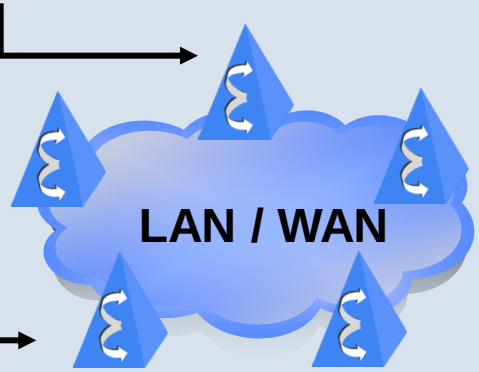
216 Ports in 19"
or
384 Ports in 30"

HiPath 4000
Redundant

~12,000 IP / TDM Users

HiPath 4000
Non-Redundant

Networked
~100,000 Users



- Survivable Access Points Available in 19" Rack-Mount or Floor-Mount Versions
- cPCI-Based Servers
- 120 Connections per Each Integrated IP Gateway
- Complete Large System Telephony Features
- Supports IP, TDM Telephones and Soft Clients
- Support for Legacy Applications, Networking and optiset E Telephones

Critical Service Delivery Over LAN / WAN

- Site Connectivity
- Diagnostics
- Service Level Performance Monitoring
- Quality of Service (QoS)
- Survivability
- Management

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Degraded Performance (QoS)
Alternate Network Routing

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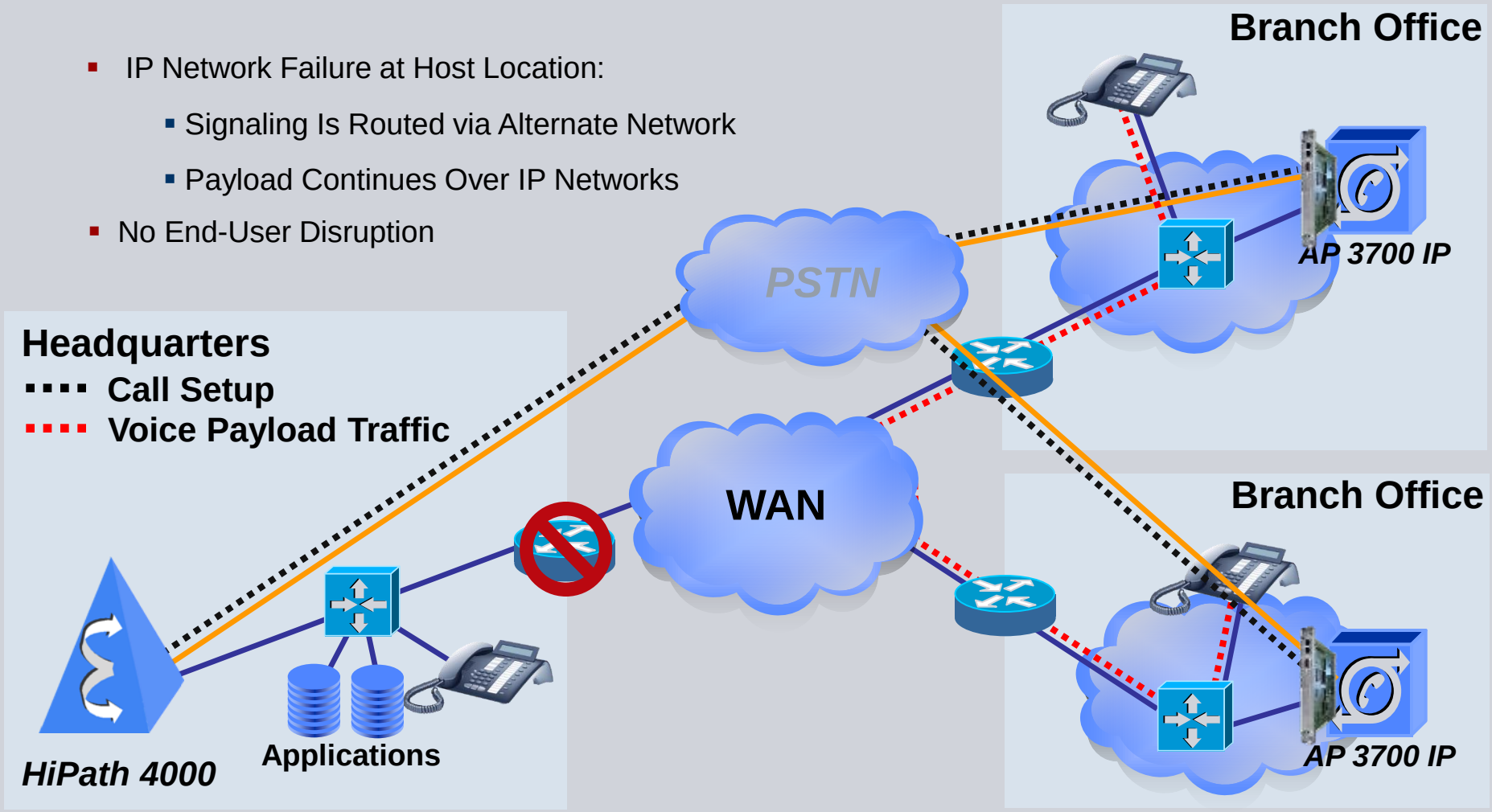
- IP Network Failure at Host Location:
  - Signaling Is Routed via Alternate Network
  - Payload Continues Over IP Networks
- No End-User Disruption



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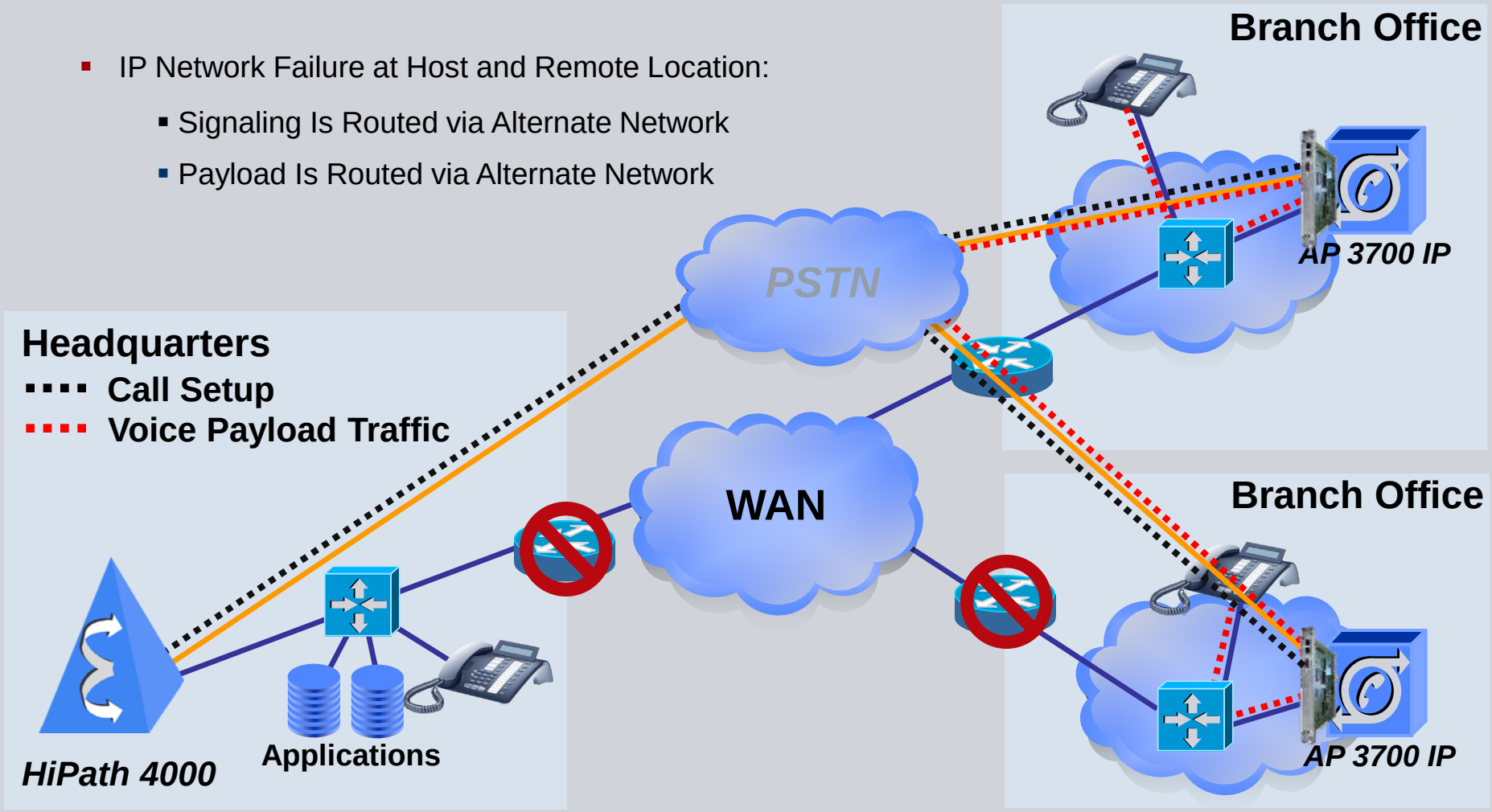
Degraded Performance (QoS)
Alternate Network Routing

SIEMENS

- IP Network Failure at Host and Remote Location:
  - Signaling Is Routed via Alternate Network
  - Payload Is Routed via Alternate Network



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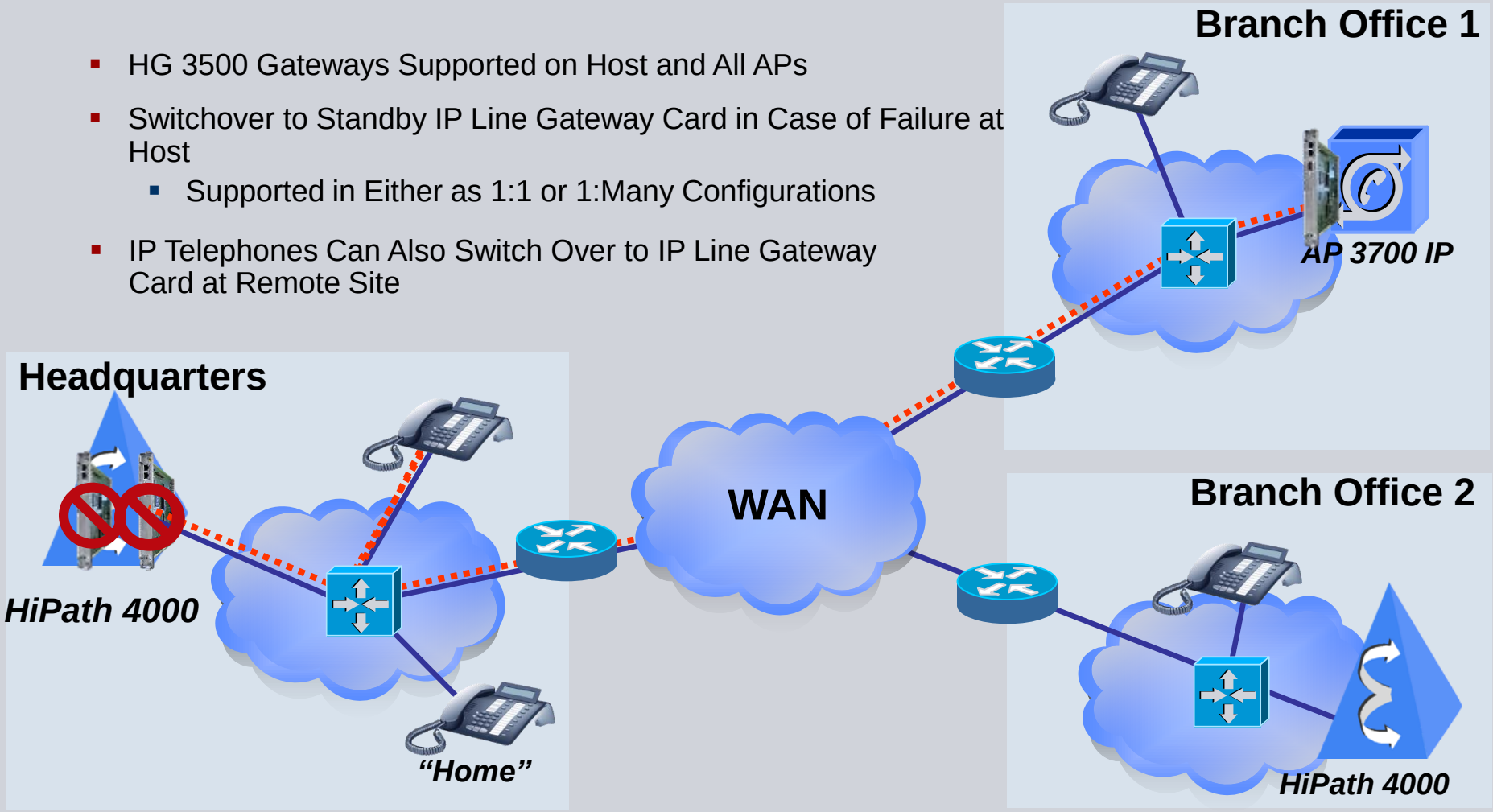
Failure (Component-Level)
IP Line Gateway Standby Support for IP Devices

- HG 3500 Gateways Supported on Host and All APs
- Switchover to Standby IP Line Gateway Card in Case of Failure at Host
  - Supported in Either as 1:1 or 1:Many Configurations
- IP Telephones Can Also Switch Over to IP Line Gateway Card at Remote Site



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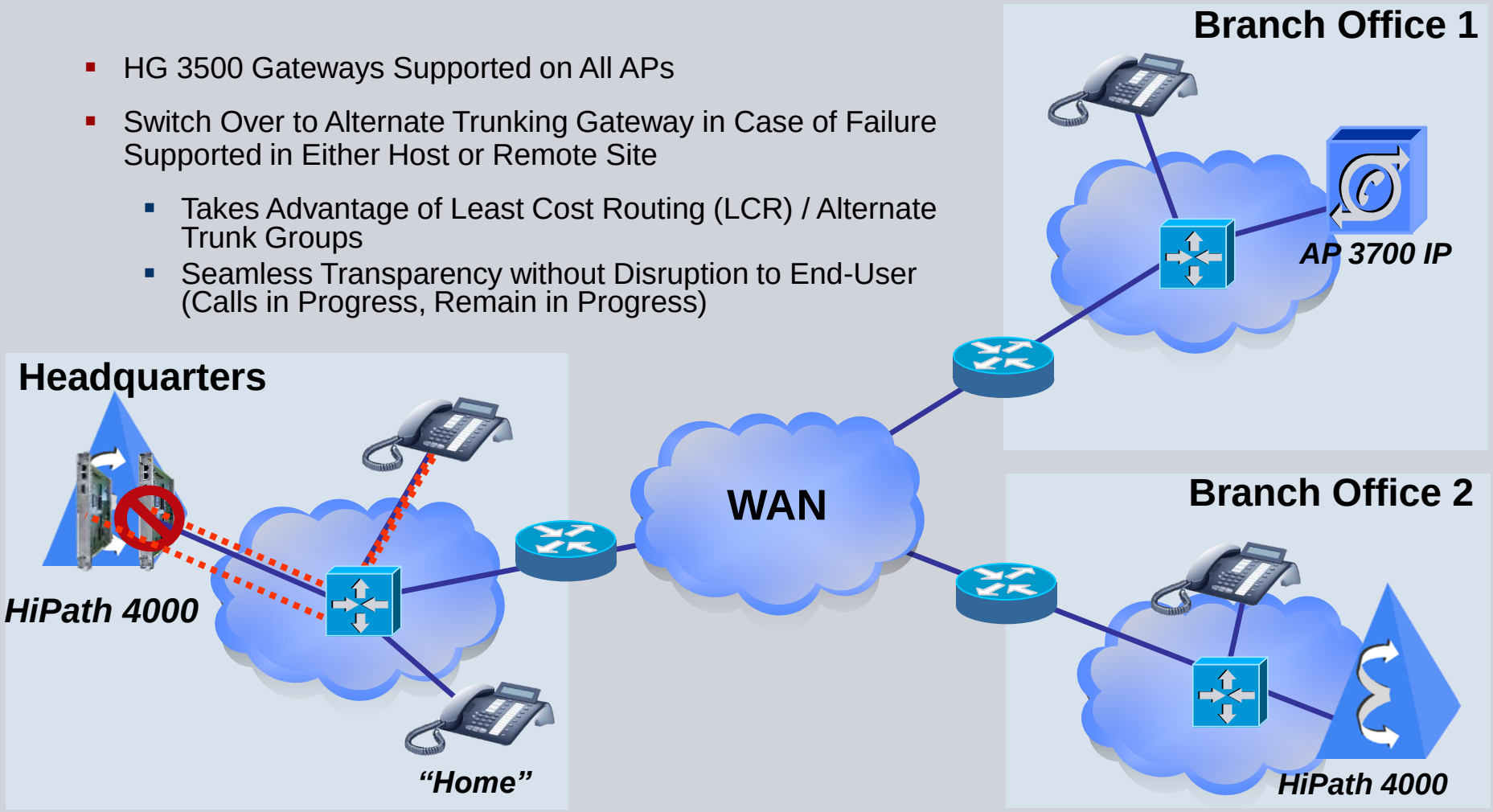
Failure (Component-Level)
IP Trunking Gateway Load-Sharing

SIEMENS

- HG 3500 Gateways Supported on All APs
- Switch Over to Alternate Trunking Gateway in Case of Failure Supported in Either Host or Remote Site
  - Takes Advantage of Least Cost Routing (LCR) / Alternate Trunk Groups
  - Seamless Transparency without Disruption to End-User (Calls in Progress, Remain in Progress)



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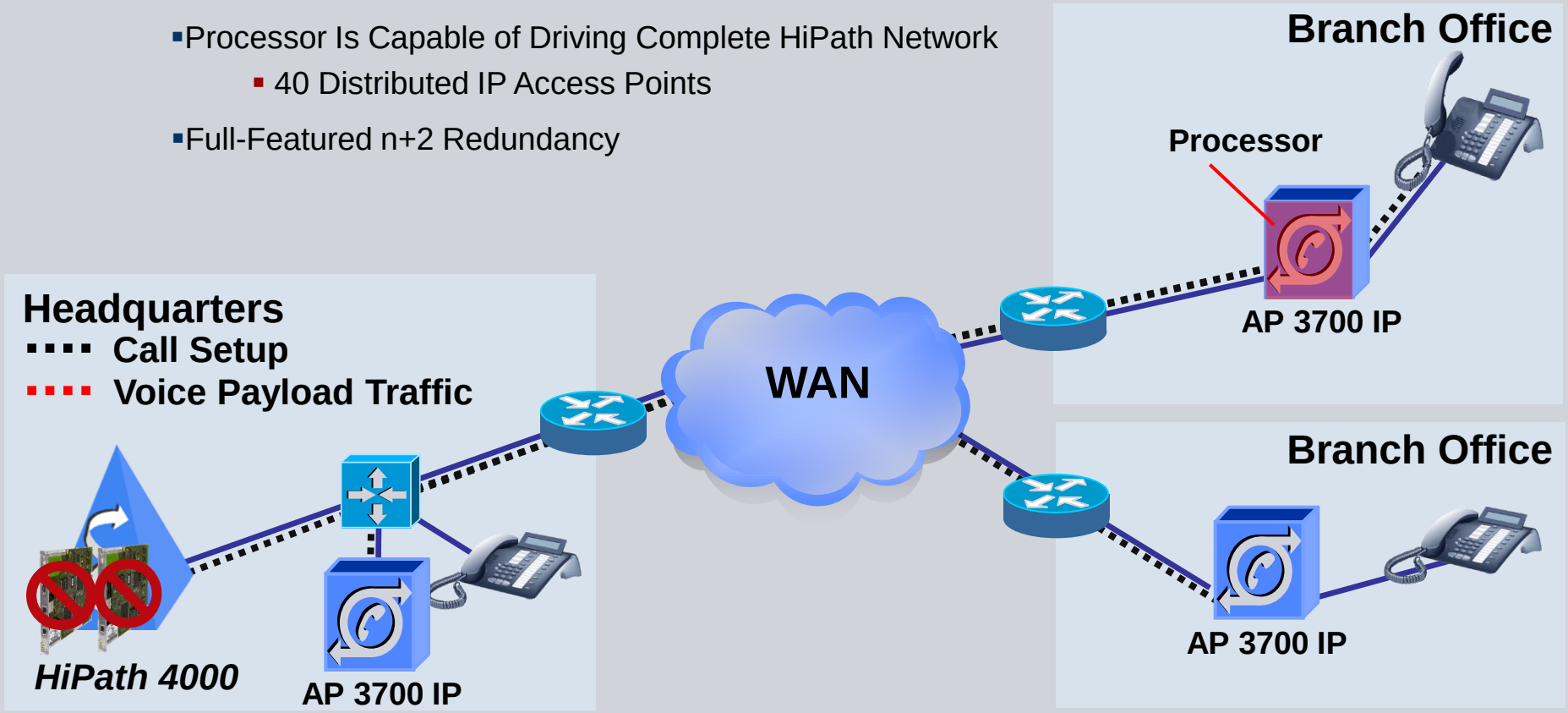
Disaster (System-Level)
Access Point Emergency – Survivable Processor

- AP 3700 IP:
  - Local Survivability Processor (DSCXL) Optional on Each AP 3700 IP
    - Processor Is Capable of Driving Complete HiPath Network
      - 40 Distributed IP Access Points
    - Full-Featured n+2 Redundancy



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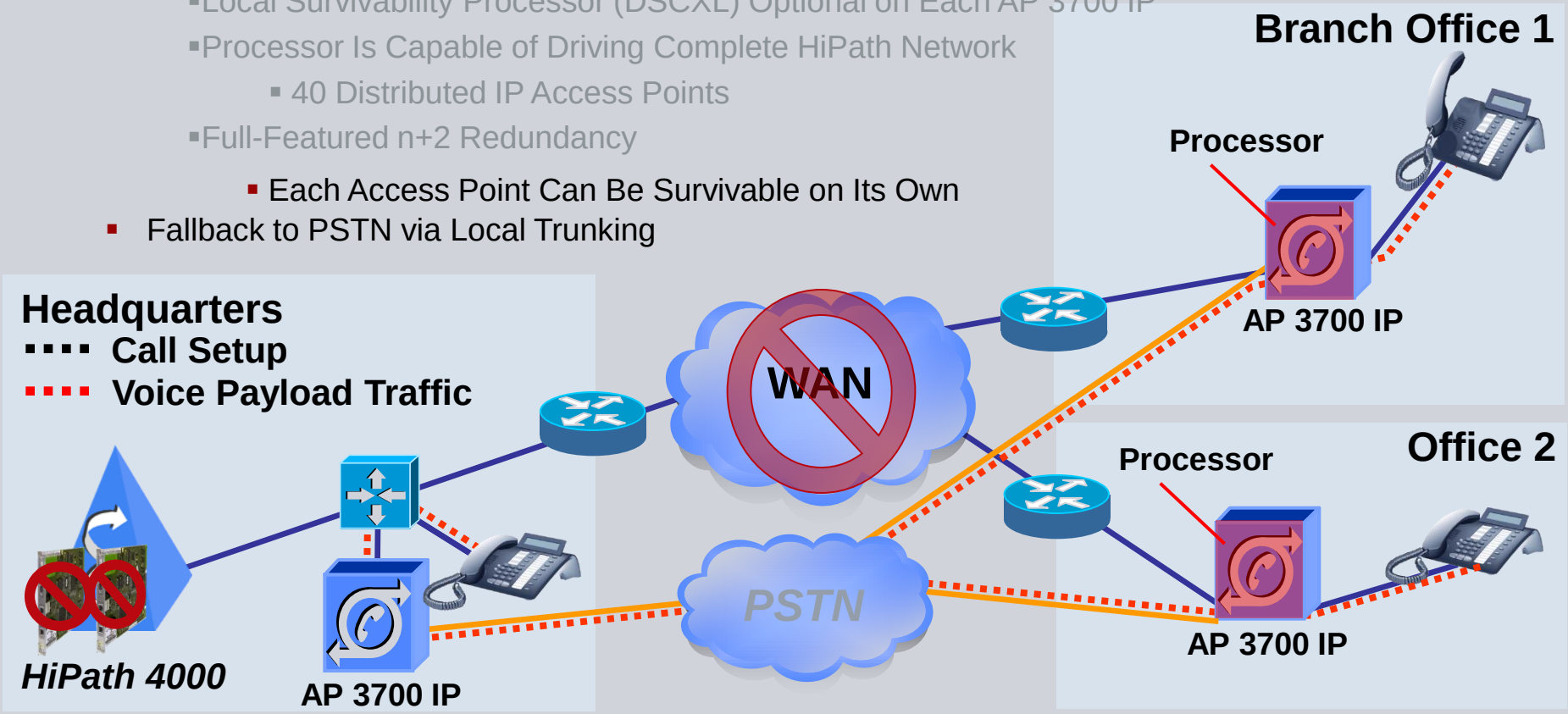
Disaster (System and Network-Wide)
Access Point Emergency – Survivable Processor

SIEMENS

- AP 3700 IP:
  - Local Survivability Processor (DSCXL) Optional on Each AP 3700 IP
  - Processor Is Capable of Driving Complete HiPath Network
    - 40 Distributed IP Access Points
  - Full-Featured n+2 Redundancy
    - Each Access Point Can Be Survivable on Its Own
- Fallback to PSTN via Local Trunking



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Securing VoIP
End-to-End Secure Communications

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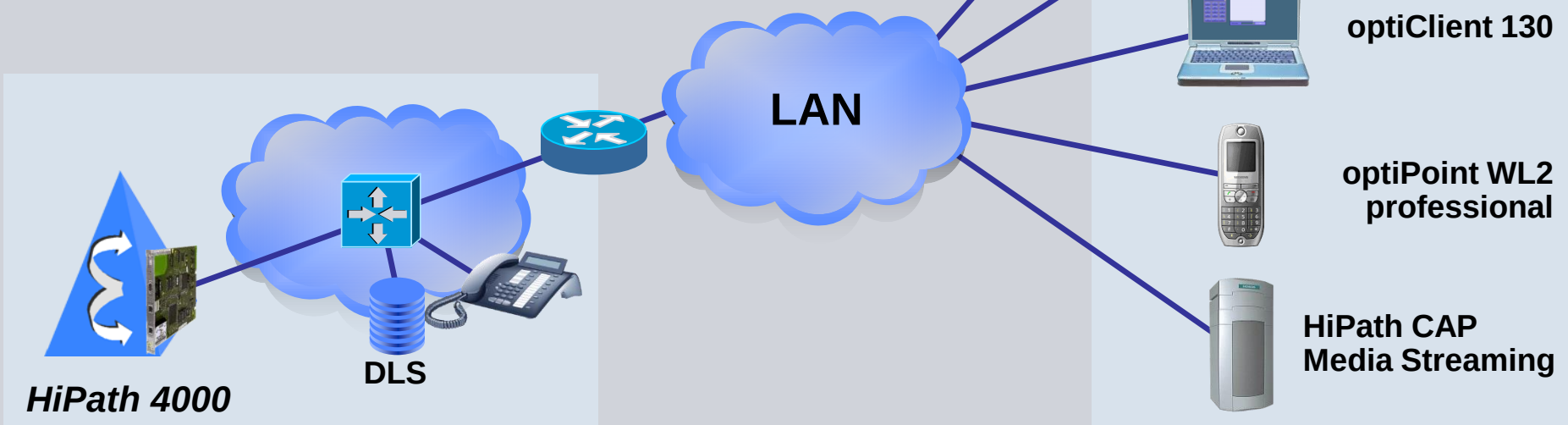
End-to-End Secure Communications

- Packets Encrypted via Standards
  - Payload Encryption via Secure Real-Time Protocol (SRTP)
  - Advanced Encryption Standard (AES) Implementation
  - H.235 for Signaling Authentication in H.323 Environments
- Both Devices Must Support Encryption for Security
  - Deployment Service (DLS) Pushes Configuration to All Supported IP Endpoints



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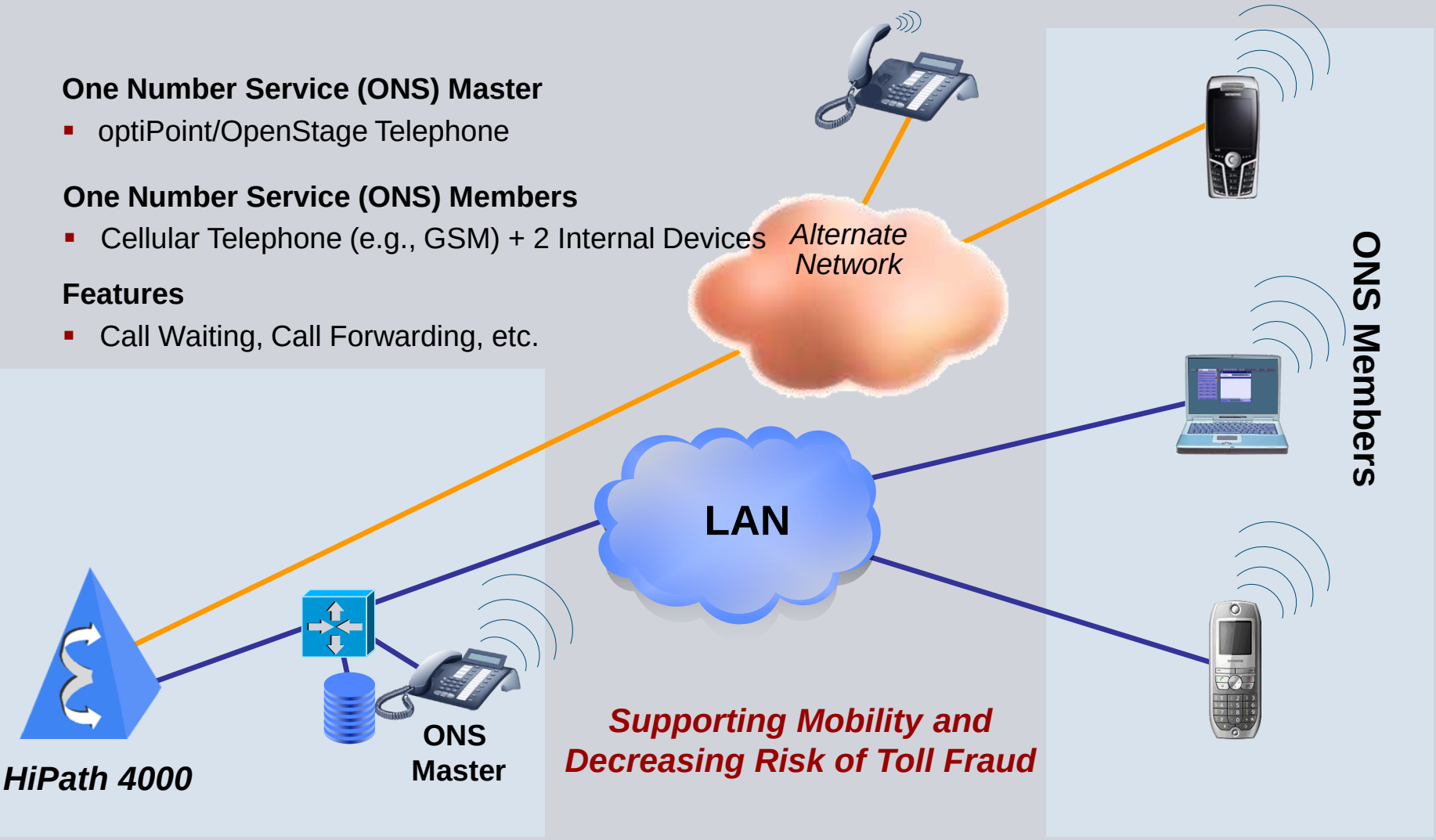
Mobility
Serving Mobile Workers with Parallel Ringing

SIEMENS

One Number Service (ONS) Master
- optiPoint/OpenStage Telephone

One Number Service (ONS) Members
- Cellular Telephone (e.g., GSM) + 2 Internal Devices

Features
- Call Waiting, Call Forwarding, etc.



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Mobility
Mobile IP for Multi-Location Office Employees

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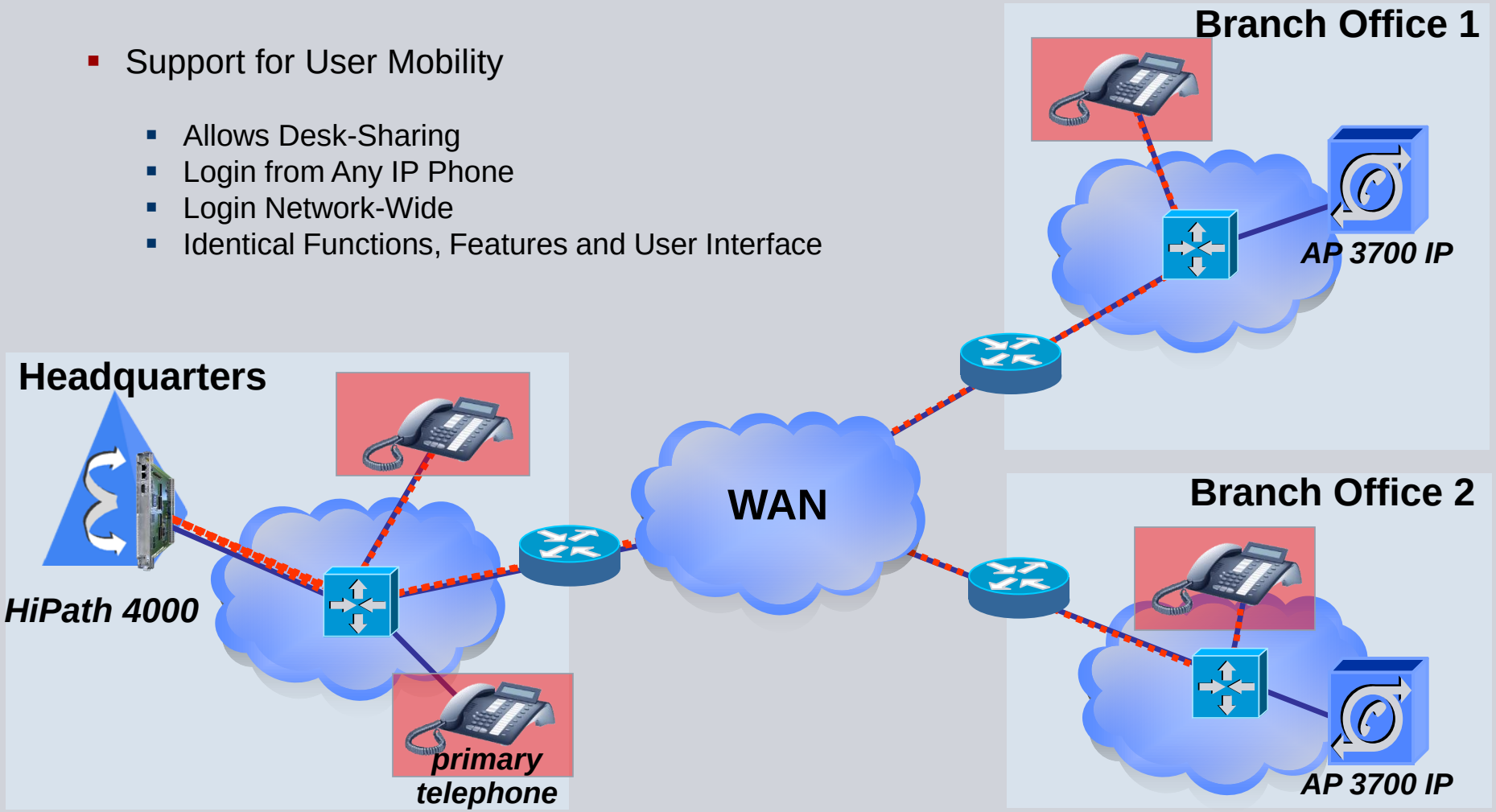
- Support for User Mobility
  - Allows Desk-Sharing
  - Login from Any IP Phone
  - Login Network-Wide
  - Identical Functions, Features and User Interface



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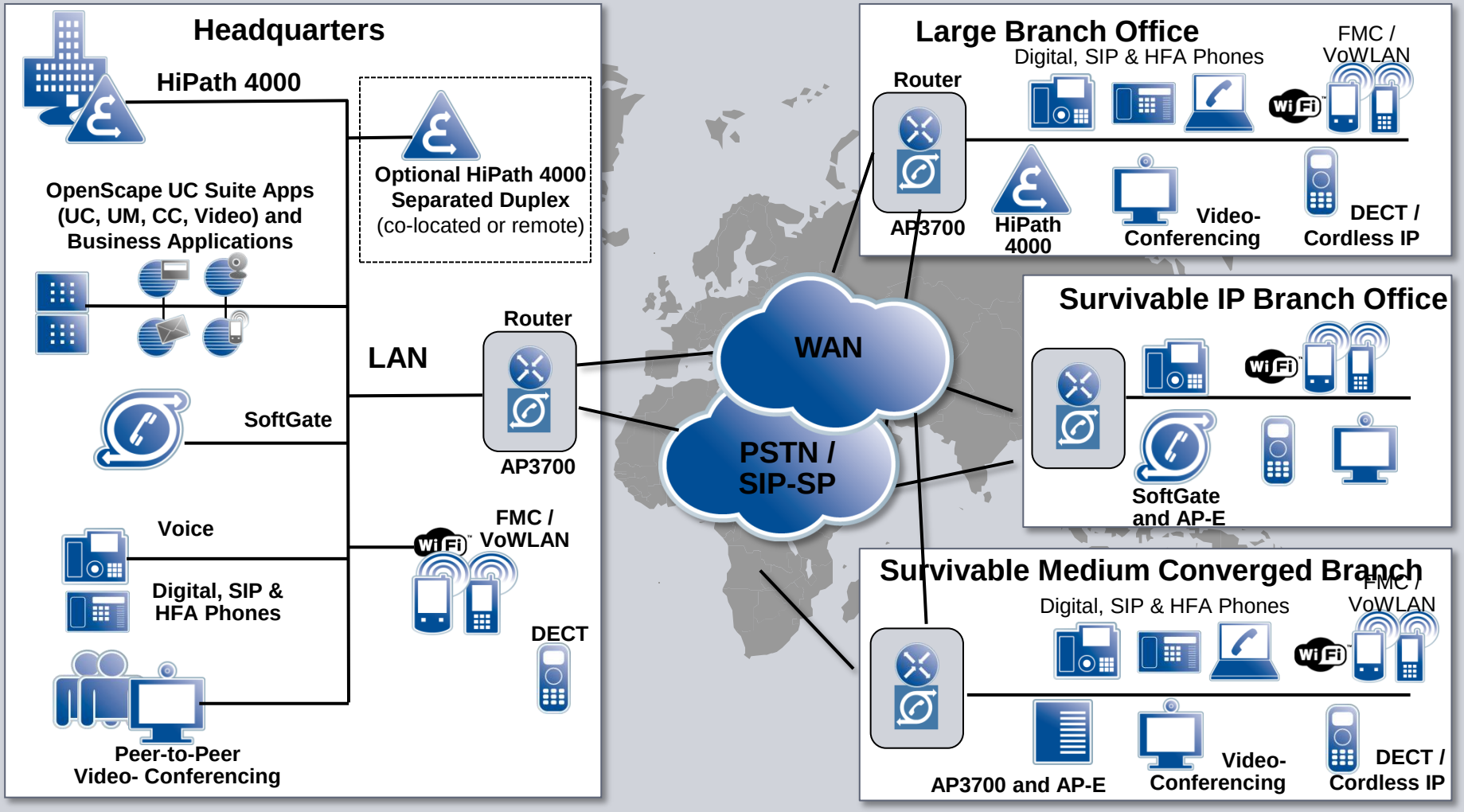
HiPath 4000 V6
- Deployment Scenarios



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HiPath 4000 Solutions
– A Broad Range of Cost Effective Choices

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	Options for every need…				Common System Management…
Endpoints	**OpenScape Personal Edition** (Soft Client)	**OpenStage Phones (TDM, HFA)**	**Analog Devices**	**Video endpoints**	**User Management**
Applications	**Attendant Console, Boss/Secretary & CTI**	**OpenScape UC Suite Applications**	**OpenScape Alarm Response**	**Professional Integration**	**Fault Management**
Mobility	**DECT Cordless**	**OpenScape Mobility**	**Fixed Mobile Convenience**	**UC Mobile Client**	**QoS Management**
Unified Comm.	**Unified Messaging / Instant Messaging**	**OpenScape Video**	**Voice & Web Conferencing**	**Presence based Collaboration**	**Accounting Management**
IP Connectivity	**IP Access Points, IPDA**	**HiPath 4000 SoftGate**	**SIP Service Provider**	**OpenScape Exchange**	**HiPath 4000 Manager**
Open Interfaces	**Based On Open Standards And Published Interfaces –** Native SIP, SOAP/XML, SNMP and MIB Traps, QSIG, TAPI, JTAPI and CSTA, CDR				**HiPath 4000 Assistant**

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HiPath 4000 Solutions
- Close Integration with OpenScape UC Suite

HiPath 4000 - A powerful converged solution delivering expanded capabilities through close integration with UC Suite Applications, including OpenScape UC, Messaging and Contact Center. Comprehensive interworking with OpenScape Voice and smooth migration to software-based Voice with new Flex Licensing and license portability.

OpenScape Applications

Software Foundation

- OpenScape Voice
- OpenScape Video
- OpenScape Messaging
- OpenScape UC Application
- OpenScape Mobility
- OpenScape Contact Center

and more ...

and more ...

OpenScape UC Server

SIP Session Control | Aggregated Presence | QoS Management | Session Detail Reporting | Administration & Licensing | Availability Management

Any client, every IP, IT or telephony infrastructure

SIEMENS AVAYA NORTEL Alcatel·Lucent CISCO NEC enterasys Secure Networks

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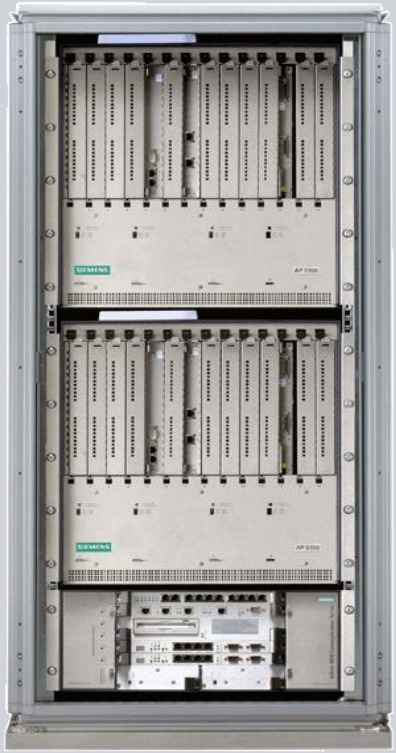
HiPath 4000 V6
- Reliable and Open Software Architecture

HiPath 4000 V5

Embedded System (HW+SW)



HiPath 4000 V6

HiPath 4000 V6 Software

Call Control	CSTA Application Control	Administration Serviceability	High Availability Control

Licensing (HLM) **HiPath 4000 V6 Flex License**

OS **Suse Linux Enterprise Edition 11 SP1 (64bit)**

Hardware	HiPath 4000 V6	Standard Server
Server	 HiPath 4000 cPCI Server	 Industry Standard Server
Shelf	AP3x00 Access Points AP3x00 IP Access Points	AP3x00 IP Access Points

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HiPath 4000 Solutions
- HiPath 4000 SoftGate

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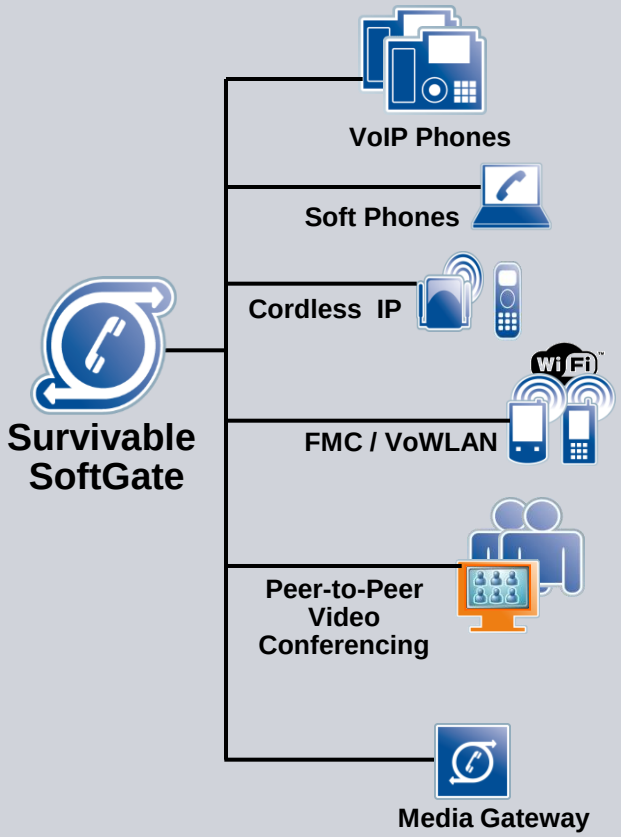
HiPath 4000 SoftGate



- Full HiPath 4000 feature access for IP endpoints
- SIP-Q Trunking for networking with HiPath 4000 and OpenScape Voice
- Native SIP for SIP Trunking and SIP Applications
- IPv6 Support for SIP Trunking
- Video integration with OpenScape Video and OpenScape UC Personal Edition
- Signaling and Payload Encryption
- Software-based MoH provisioning

- Branch survivability with Signaling and Payload Survivability
- Survivable SoftGate (SoftGate and AP-Emergency survivability software installed on same standard server)
- Mobility with HiPath Cordless IP (DECT over IP solution) or WLAN devices
- Unified Management suite with HiPath 4000 Assistant / Manager
- Linux Software (SLES11 SP1)

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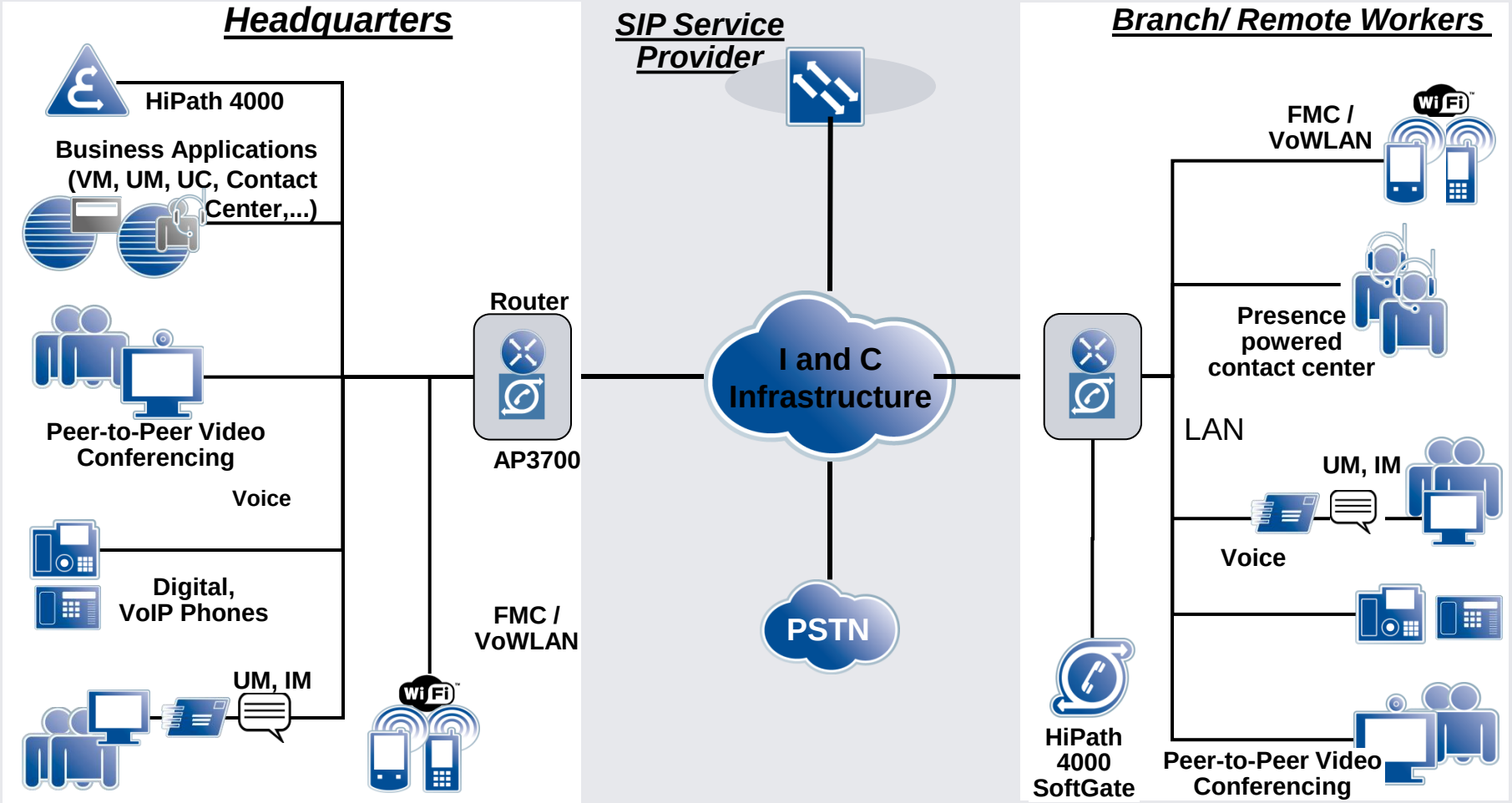
HiPath 4000
- Choices in Unified Communications



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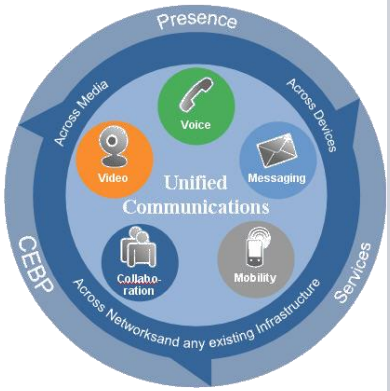
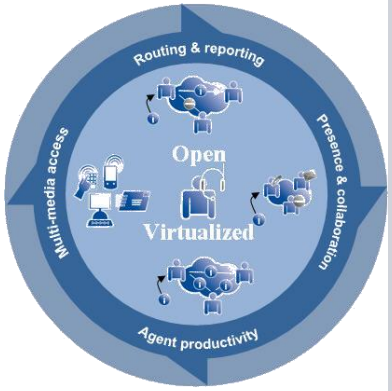
OpenScape UC Suite

OpenScape Unified Communications



- **OpenScape UC Application**
- **OpenScape Fusion accelerators**
- **OpenSOA – "From the ground up" standard-based software framework**

OpenScape Contact Center



- **Inbound contact center and voice portal**
- **Outbound campaign management**
- **Contact center automation and IVR**

OpenScape Mobility

- **HiPath Wireless –** the All-Wireless enterprise
- **HiPath MobileConnect –** extending coverage between LAN & public network (FMC)
- **OpenScape Mobile UC Client –** delivering Mobile UC everywhere

OpenScape Video

- **Videoconferencing solution integrated with voice & UC applications**
- **Unifying video from boardroom, meeting room and desktop with voice on one network**
- **Hi-Def videoconferencing democratized**

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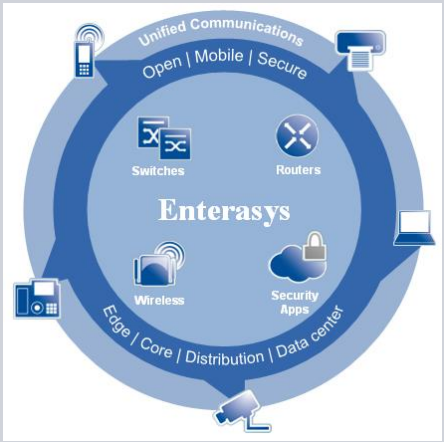
Completing a robust and balanced portfolio

Devices

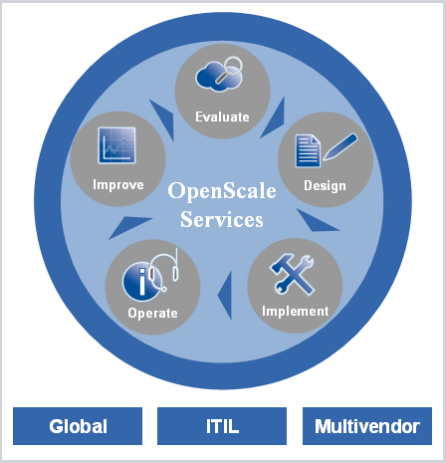
- SIP, IP and TDM
- Soft clients
- Wireless phones
- Mobile UC soft clients

Enterasys



- Switches, routers and wireless LAN
- Advanced Security Applications (IPS, NAC & SIEM)
- Network management software

OpenScale



- Cloud Services
- Managed Services
- Professional Services
- Support Services
- Security Solutions

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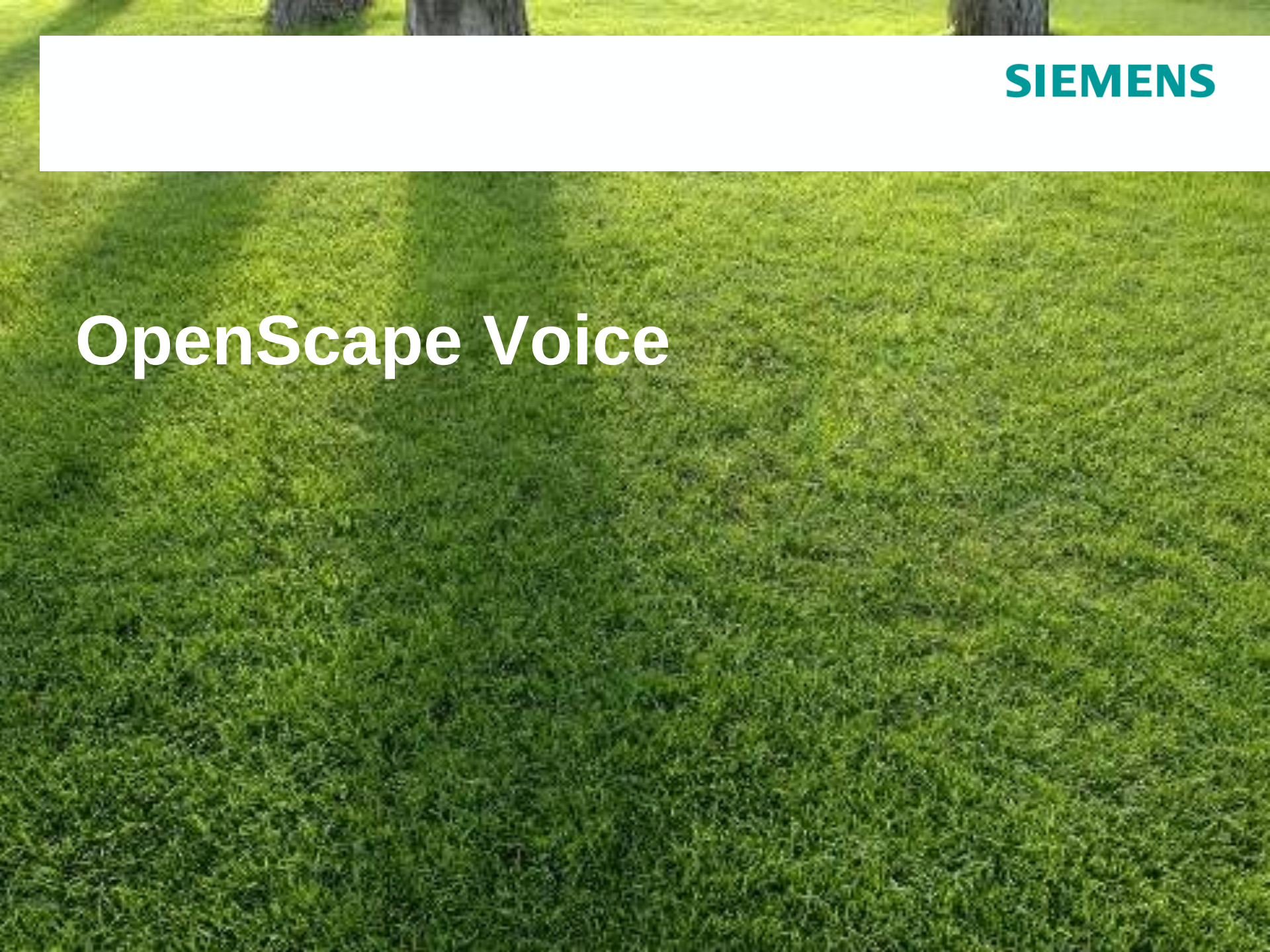
OpenScape Voice and UC –
State-of-the art Unified
Communications Solution


SIEMENS
OpenScape Voice

OpenScape Voice – Solution Overview

Users – Up to 100,000 Users per OpenScape Voice

- Special Compact Version for 300–5,000 Users
- Virtually Unlimited Total User Community

Locations – Users Can Be Located Anywhere Your IP Network Can Reach

- HQ, Branch Offices, Remote Offices, Work-at-Home, Mobile Users
- Automatic Registration
- User Licensing Network-Wide, Not Tied to Individual Sites

Active-Active Mode (Not Worker-Standby)

- True Carrier-Class Reliability – Proven in Service
- No Loss of Calls or Billing Data on Failures
- Overload Performance Exceeds Carrier Expectations

Emergency-Standby Servers

- Optional Edge System – Provides Call Control for Remote Groups of Users If the Network to the Main OpenScape Voice Is Ever Lost
  - Automatic Recovery to Main Server
- Optional Emergency-Standby System – Located in a Different Site – Warm Standby System to Take Over If the Main System or Total Network Access Ever Goes Down

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OpenScape Voice Solution Landscape – Comprehensive Tested Solution

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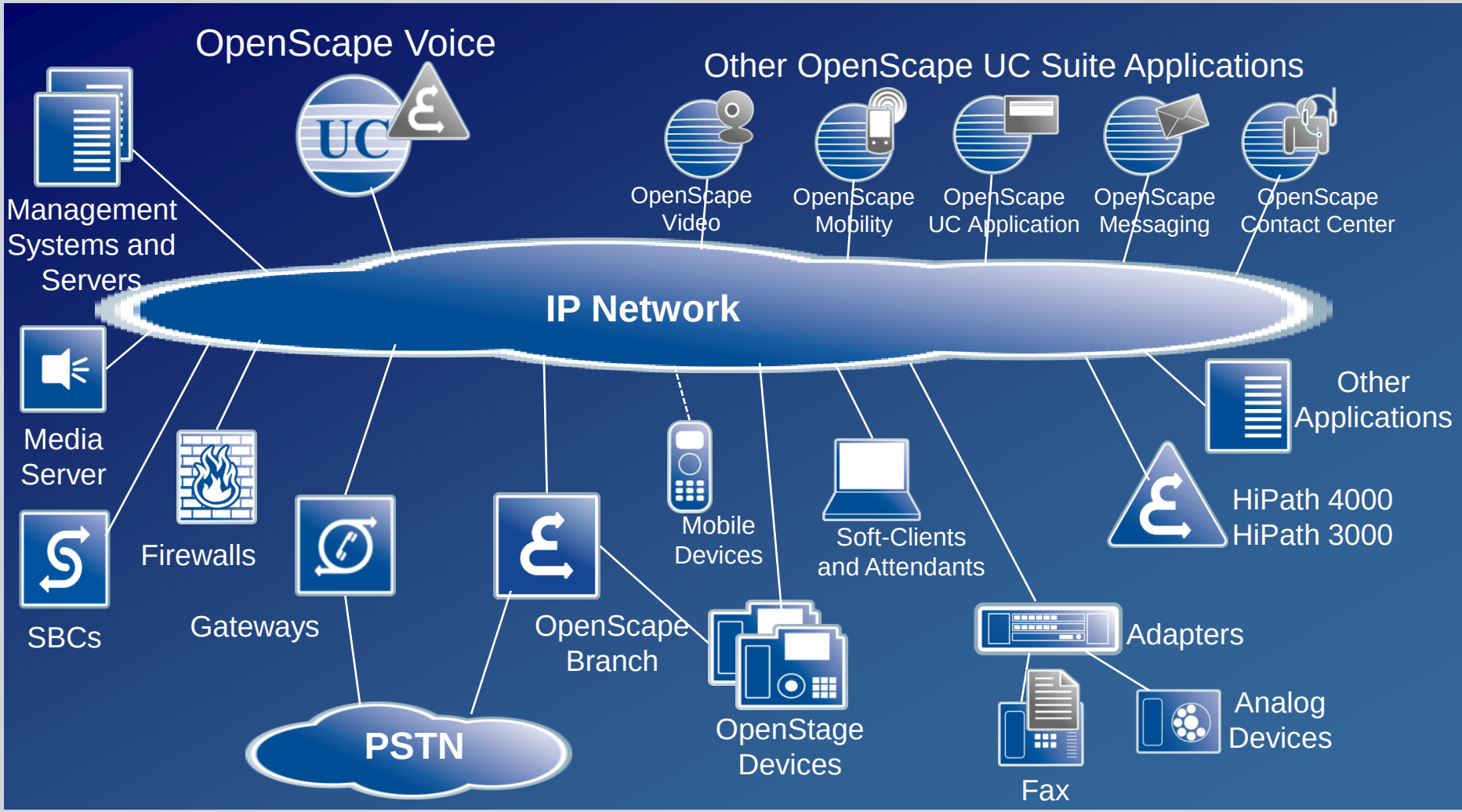

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OpenScape Voice – Communications for the Global Enterprise

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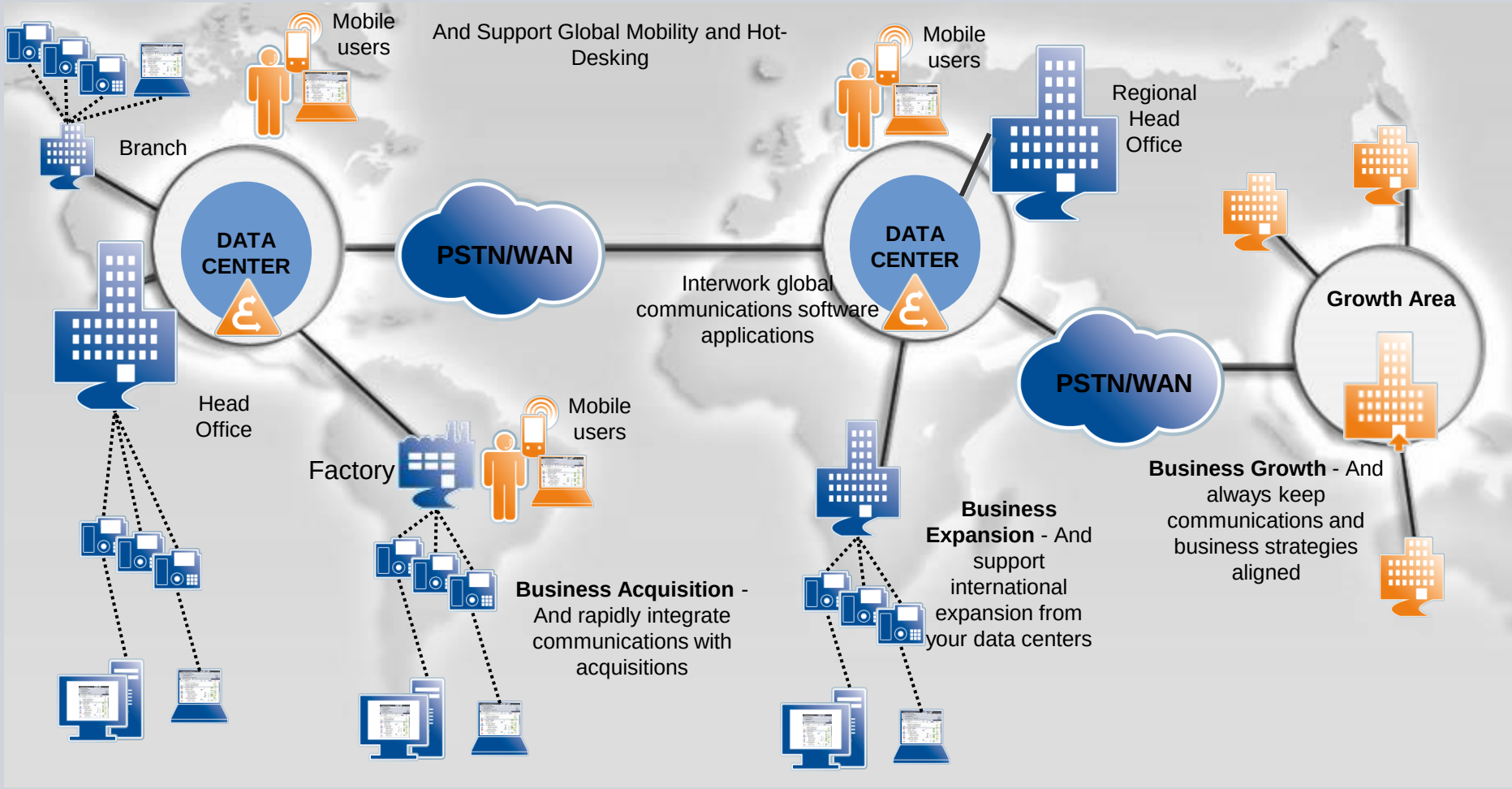

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OpenScape Voice Software Architecture Subsystems

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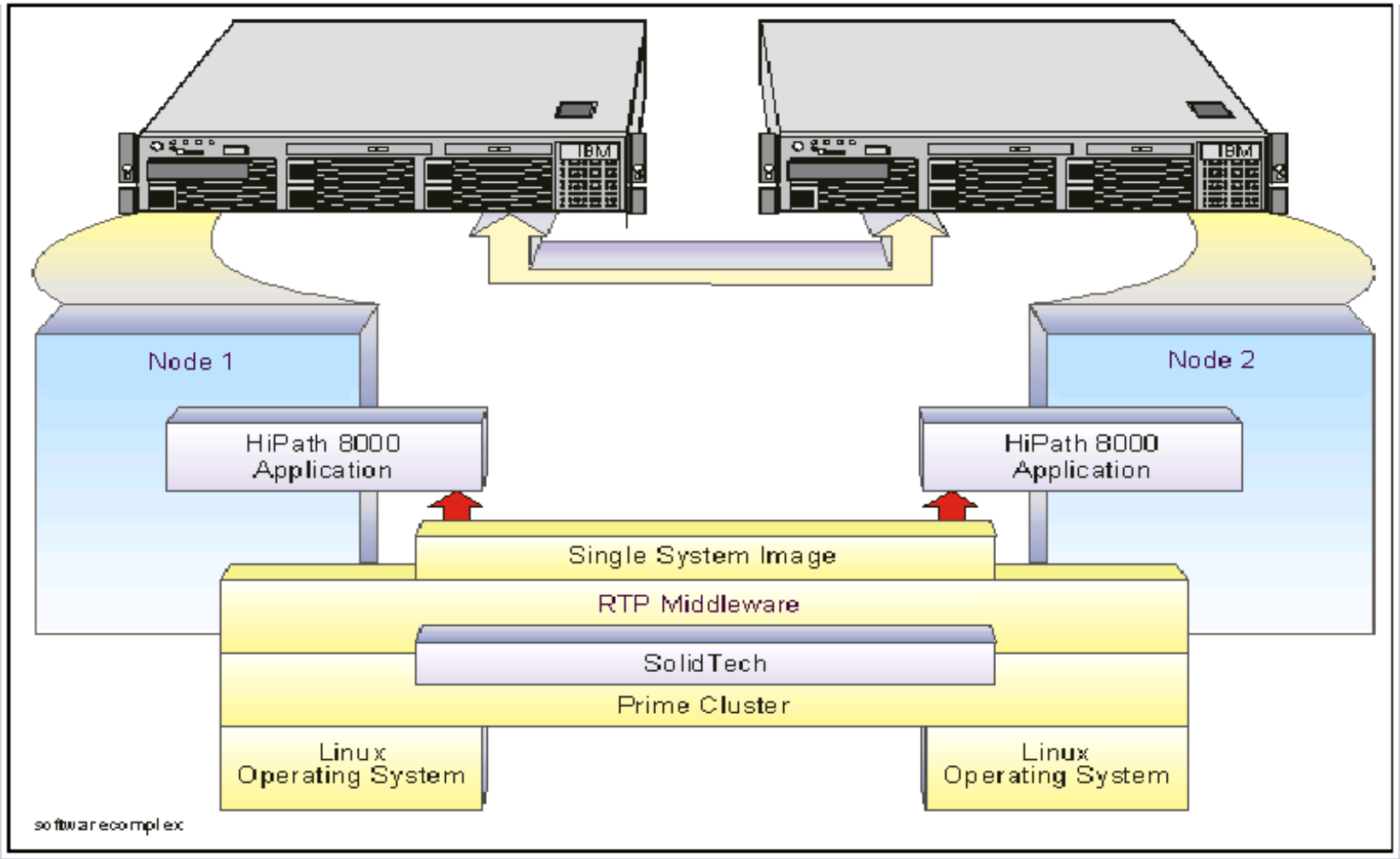

Source: *OpenScape Voice v3.0, Reference Manual: Volume 2, System Overview and Description, May 2007*

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OpenScape Voice Software Architecture
Leveraging Siemens Middleware

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Resilient Telco Platform (RTP) Software Developed by Fujitsu Siemens

Clustering Protects Against Both Hardware & Software Failure

Field Proven 99.999% Availability

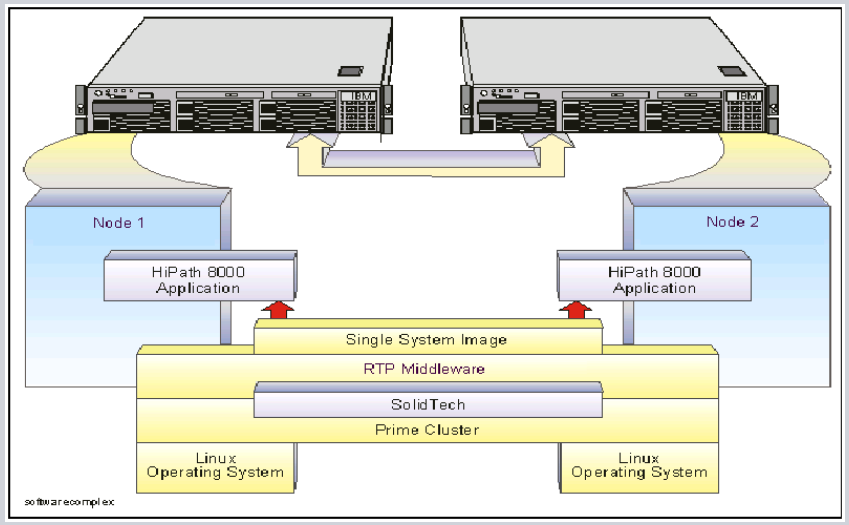
Rolling Software Upgrades / On-line Backups

Active-Active operation

- Each Node acts as Hot-Standby for its partner
- Call State Checkpointing
- Saving of stable calls through failures

Call & Billing Records remain active

- Primary and Secondary Systems run in Active-Active mode
- Two systems provide 1+ System Capacity and Performance



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OpenScape Voice Server Options

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5,000 – 100,000 Users

- Large to Very Large Enterprise Solutions

IBM x3650T
FSC RX330S1

- Dual server based system (duplex)
- Maximum redundancy and availability

- Duplex is mandatory above 5,000 users
- External Media Server only
- Administration / Management (OpenScape Voice Assistant and iNMC) run on separate dedicated servers

100 – 5,000 Users

- Small to Medium Enterprise Solutions

IBM x3650T
FSC RX330S1

- Single server based system (simplex)
- Optional duplex server

- Simplex is available from 100 to 5,000 users
- Duplex is available for customers with high availability requirements
- Internal Media Server (SW only) or External Media Server
- Integrated Management for system, users, licenses, phones and Internal Media Server

- Common System Base Software
- Common Features and Functionality
- Support same gateways, media servers, endpoints and applications are available

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OpenScape Voice – Gateway Options

- RG 8700 - Survivable Media Gateway
  - RG 8716 - 16 T1 / E1 Ports, Up to 2,000 Users
  - RG 8708 - 8 T1 / E1 Ports, Up to 1,000 Users
  - RG 8702 - 2 T1 / E1 Ports, Up to 300 Users

- OSB 50i – Survivable Media Gateway and Terminal Adaptor
  - One-Box solution for branches of up to 50 users
  - Range of 8 analog lines, 4 BRI, 1 PRI
  - 4 analog users, or just analog users 24 or 48

OSB 500i – survivable media gateway
  - One-Box solution for branches of up to 500 users
  - Range of 4 or 8 PRI

- Mediatrix / OSB 50/250/1000/6000

- Other SIP-Compliant OEM Gateways

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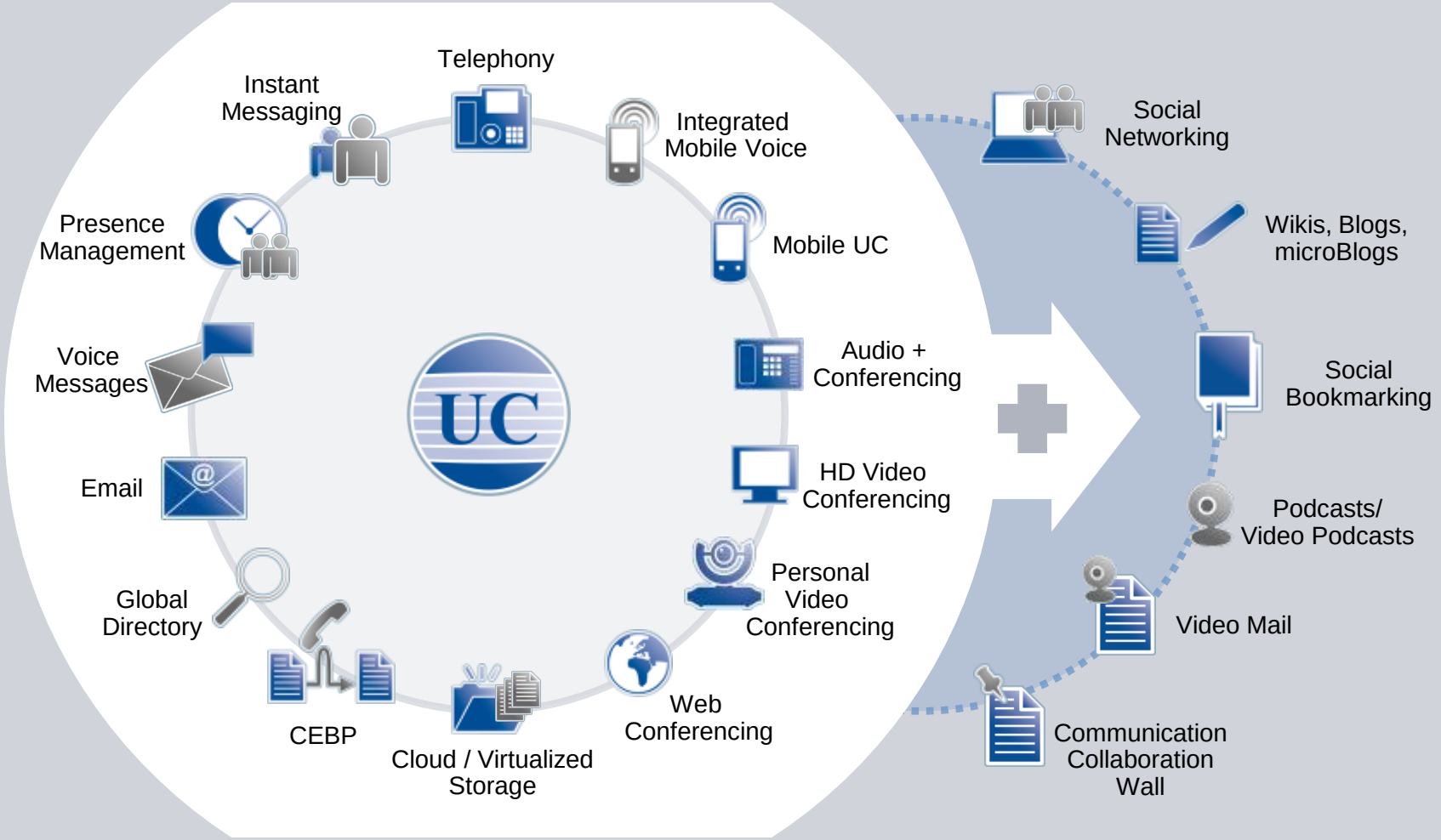
OpenScape UC Application

Conferencing, collaboration, and social media are expanding the way we communicate



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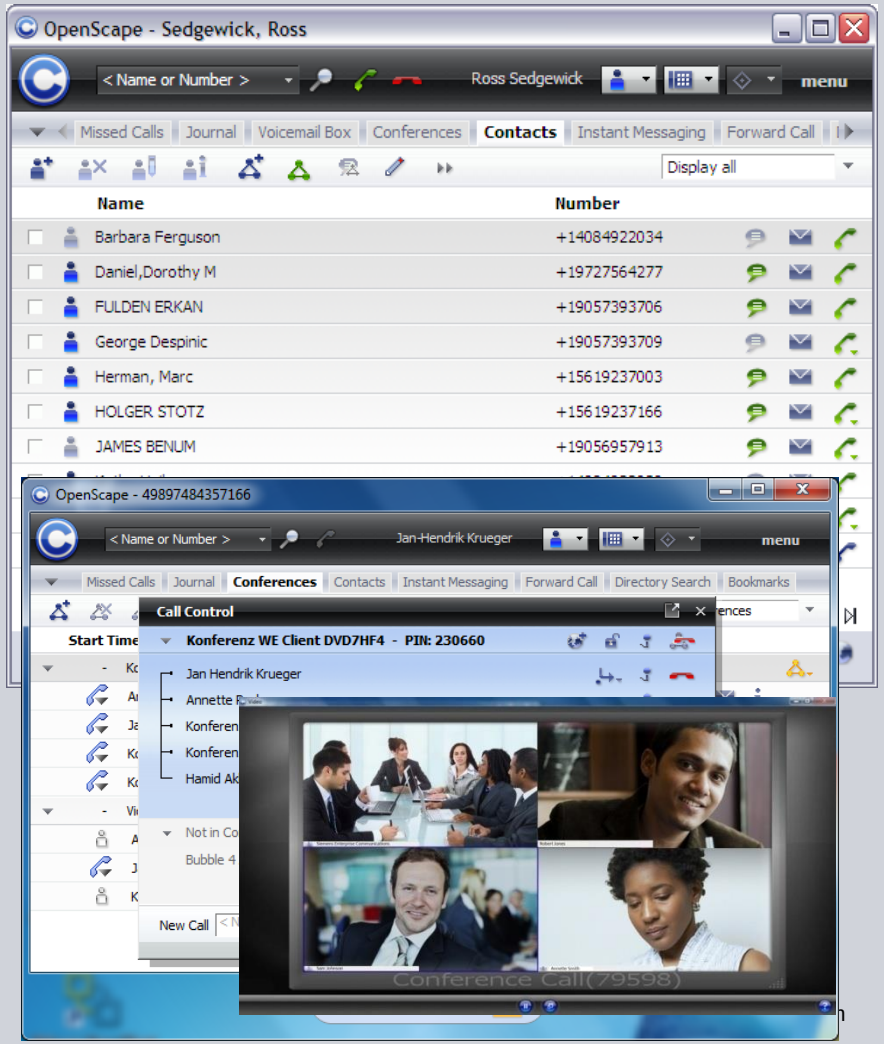
OpenScape UC Application Highlights

Highly open and flexible UCC solution that integrates with all your in-place applications

- Modular application with seamless upgrade paths
- UC Desktop: soft client with multi-party desktop video conferencing and support for Polycom, Lifesize, and Tandberg video ecosystems
- Built-in one number service*, presence, conferencing, and messaging
- OpenScape Fusion SDK and Plug-Ins for business process, social media and groupware integration
- Supports VMware virtualization
- Supports any IT and telephony environment



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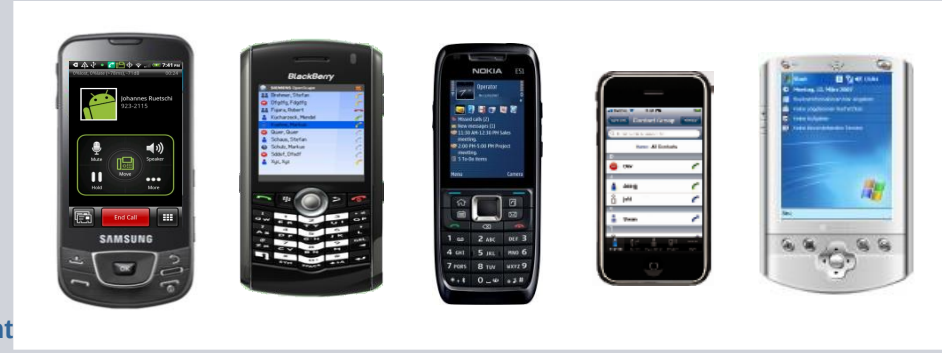
Communicating should be intuitive and efficient

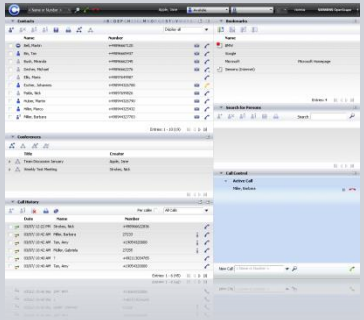
Desktop Client

Personal edition Desktop Client

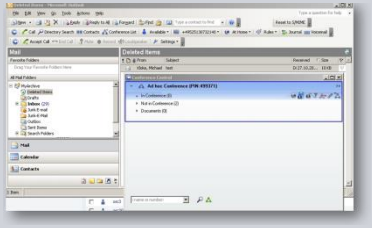


android RIM symbian iPhone Windows Mobile

Mobile Clients



Web Client



Microsoft and IBM Groupware Plug-ins

Web Collaboration Client

OpenStage Client

Voice Portal Client

Video Clients

Multi-media and multi-modal client access choices

- Easy to use GUI and voice interface
- Rich, intuitive user experience

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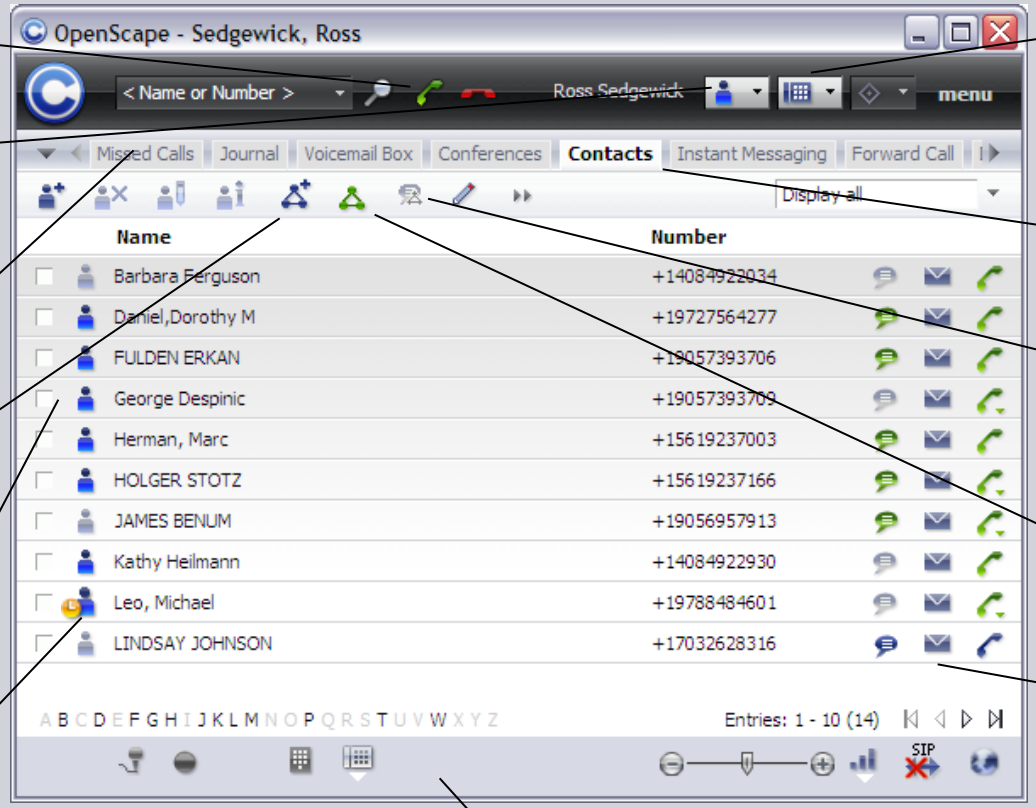
One-click access to a comprehensive set of features



Place a call

Set your presence status, location, and free form note

View missed calls

Schedule a multi-media conference

View presence of contacts

Tell-me-when feature automatically tracks a contact's voice and IM availability

Route incoming communications to your preferred device

Manage your contacts

Initiate a multi-party IM chat

Initiate a spontaneous conference

Click to call, IM or email your contact's preferred device

Softphone

* Some functionality differences apply to HiPath 4000 voice platform

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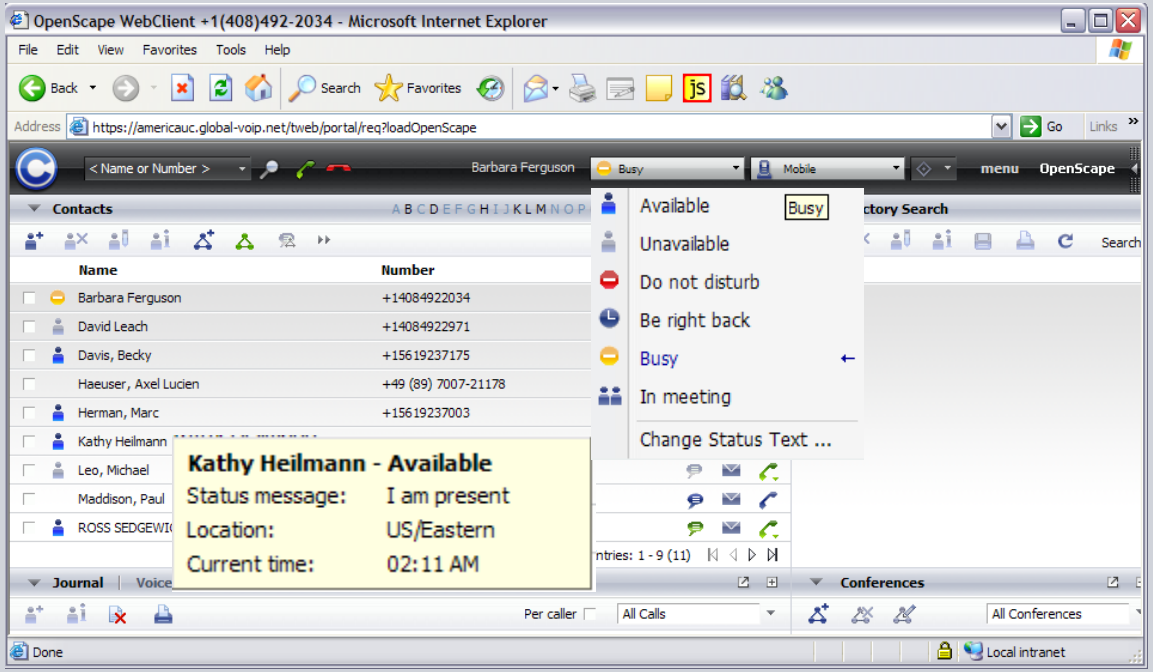
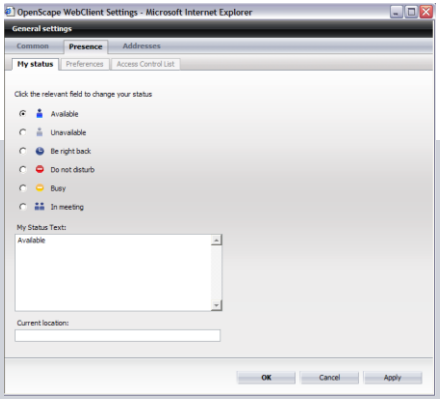
Enhance productivity and personal performance



Rich presence

- Eliminate the guesswork out of the “calling” process
- Improve first contact resolution
- Gain control of when, how, and by whom you are directly accessible



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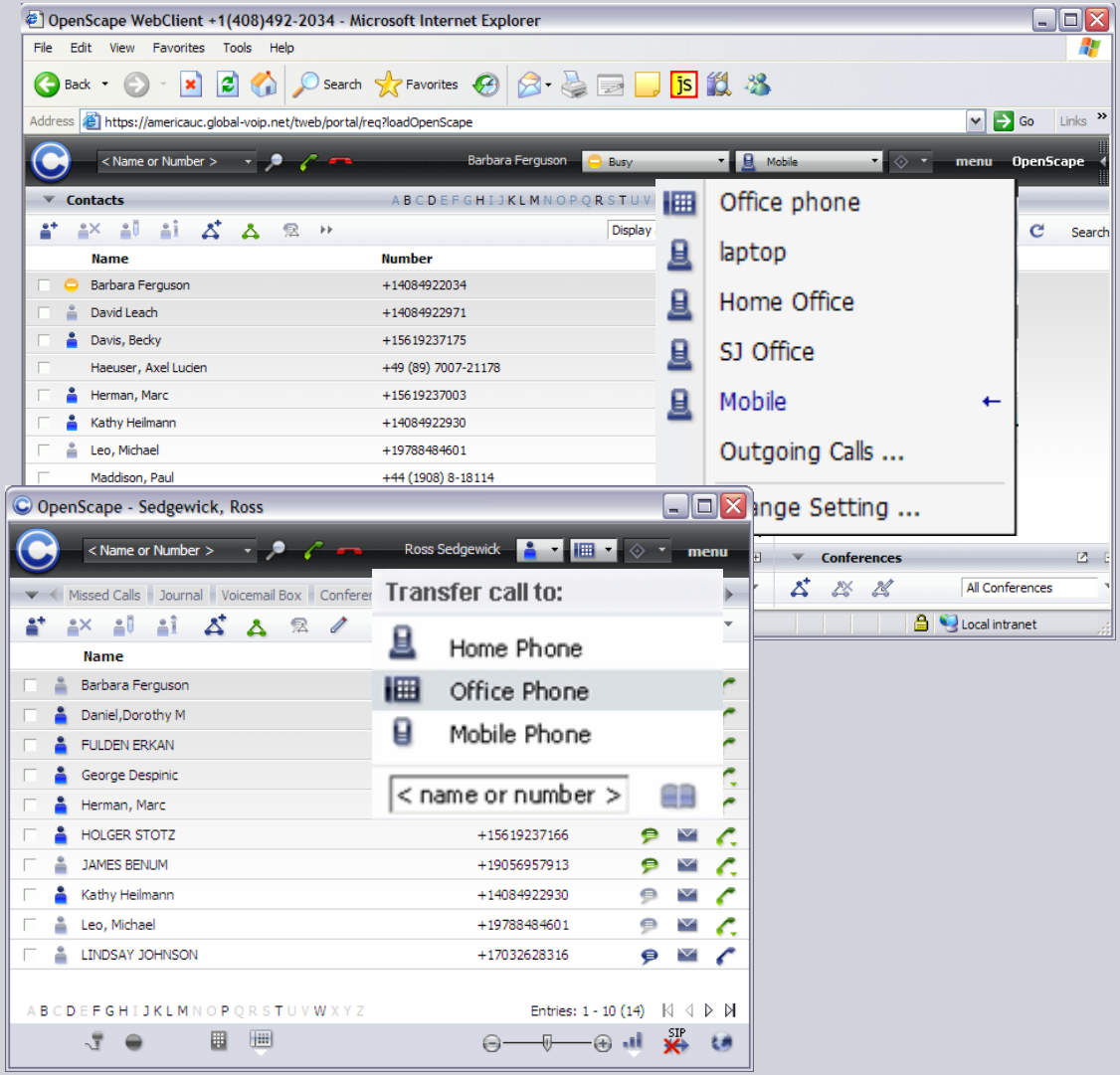
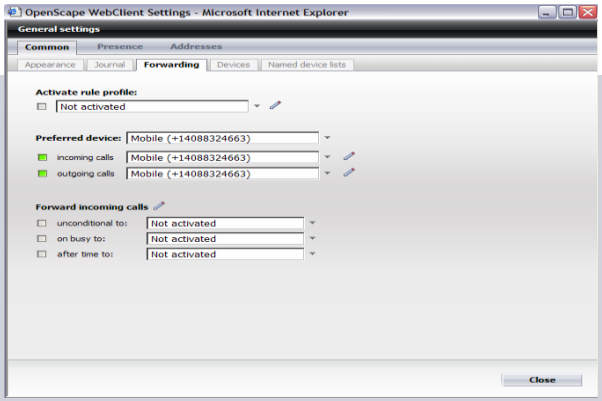
Accelerate Business Responsiveness



Be more accessible

- One number service and preferred devices reduce unproductive communications attempts
- Set rules, routing and delegations to have more control over your communications
- Choose most cost effective communications option



* Some functionality differences apply to HiPath 4000 voice platform

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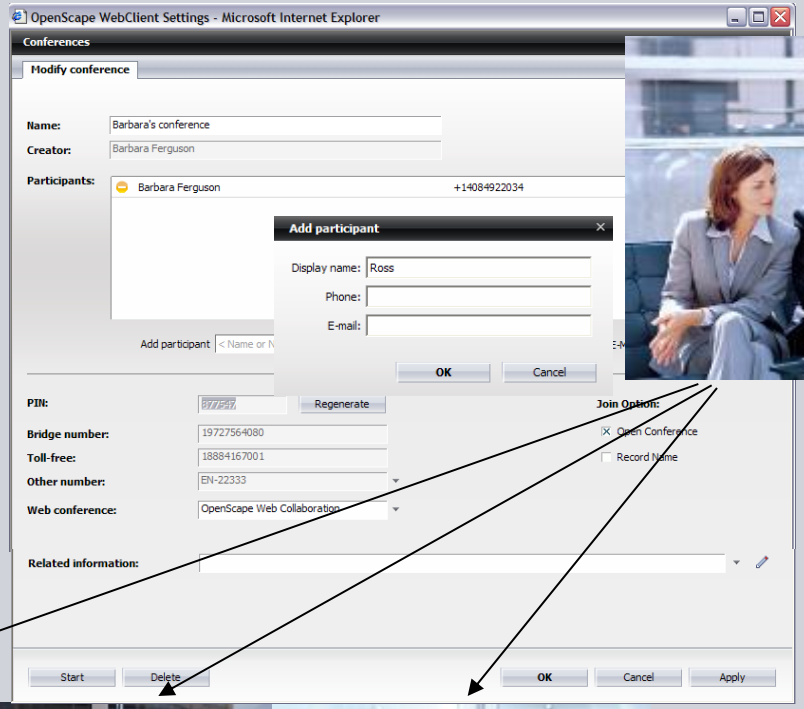
Multi-media Conferencing Enhances Team Effectiveness

Business benefits

- Enhance collaboration and productivity
- Minimize expensive 3rd party conferencing services
- Reduce the need to travel
- Presence information enables spontaneous, easy to initiate sessions



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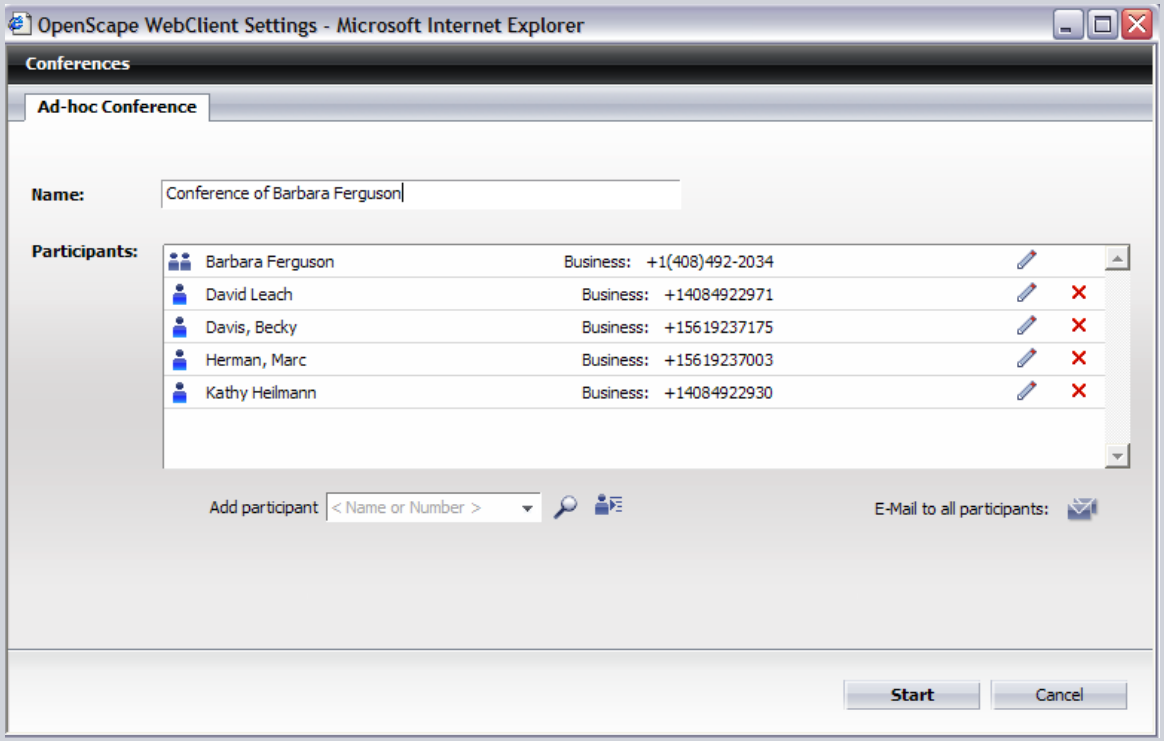
Reduce costs and improve collaboration with built-in audio conferencing



Effective team collaboration

- Scheduled and ad-hoc audio conferences enable easy and quick collaboration with a single click
- Out-calling participants at their preferred device saves time and promotes on-time attendance

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Enhance meetings with impromptu document sharing and face-to-face video

OpenScape Web Collaboration

- Accelerate responsiveness by providing employees a convenient way to instantly collaborate in real-time from anywhere
- Be accessible from anywhere for critical business meetings
- Have quick access to conferences even when you are running late
- Installs quickly, cost-effectively, and with minimum IT resources
- Integrated text, data, web, and multi-party H.264 desktop video conferencing
- Highly secure 256-bit AES encryption

OpenScape Web Collaboration Desktop Client and Mobile Client on iPad and iPhone

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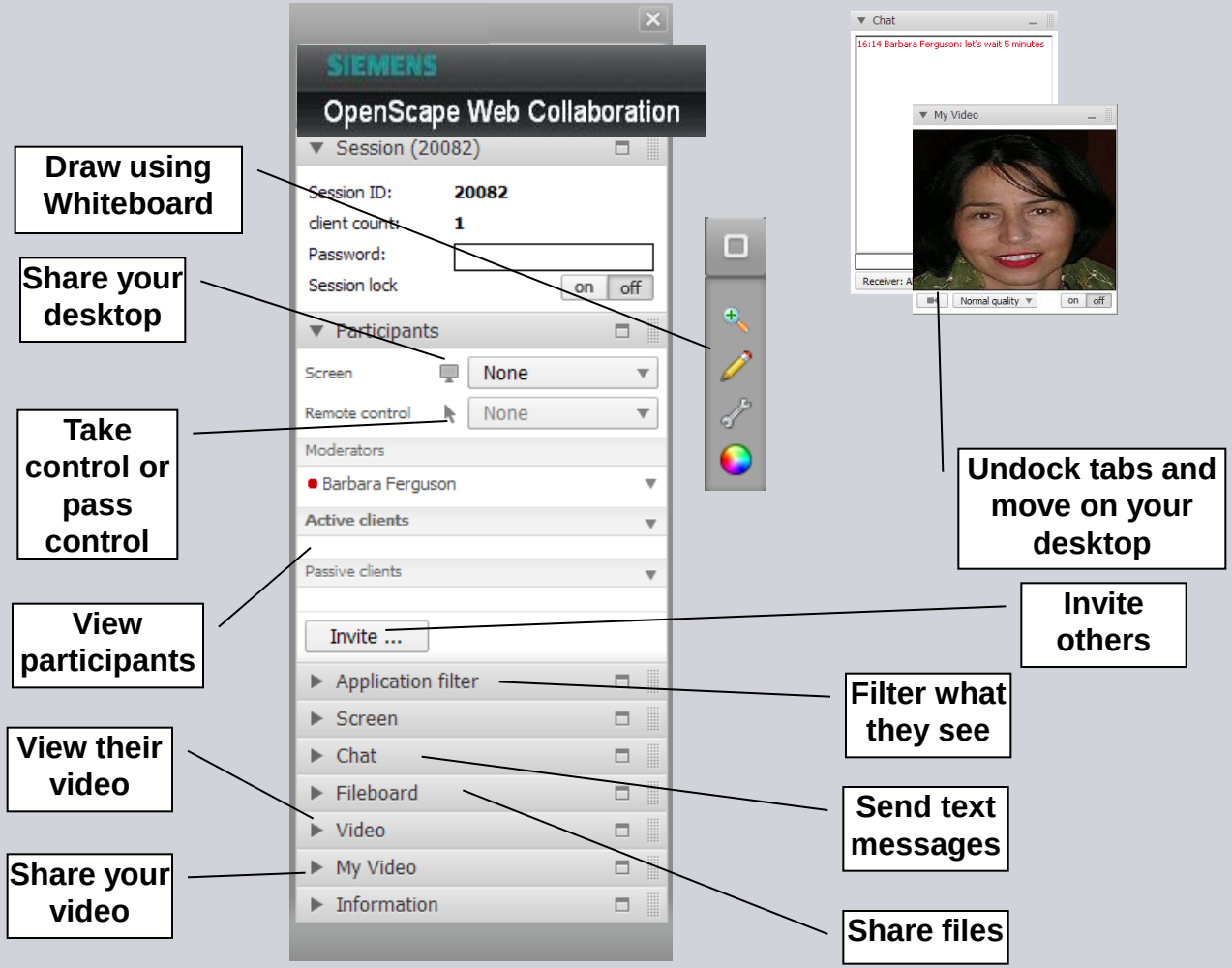
One-click access to a comprehensive set of features



Key Capabilities

- Intuitive user interface:
  - Multi-screen capability
  - Media morphing
  - Undocking
- Collaborative data sharing and document creation:
  - Desktop/application sharing
  - White-boarding
  - File sharing
  - Co-browsing
  - URL push
  - Session recording
- Real-time Interactions:
  - IM chat
  - Video chat (or insert favorite picture)
- Remote control for technical support

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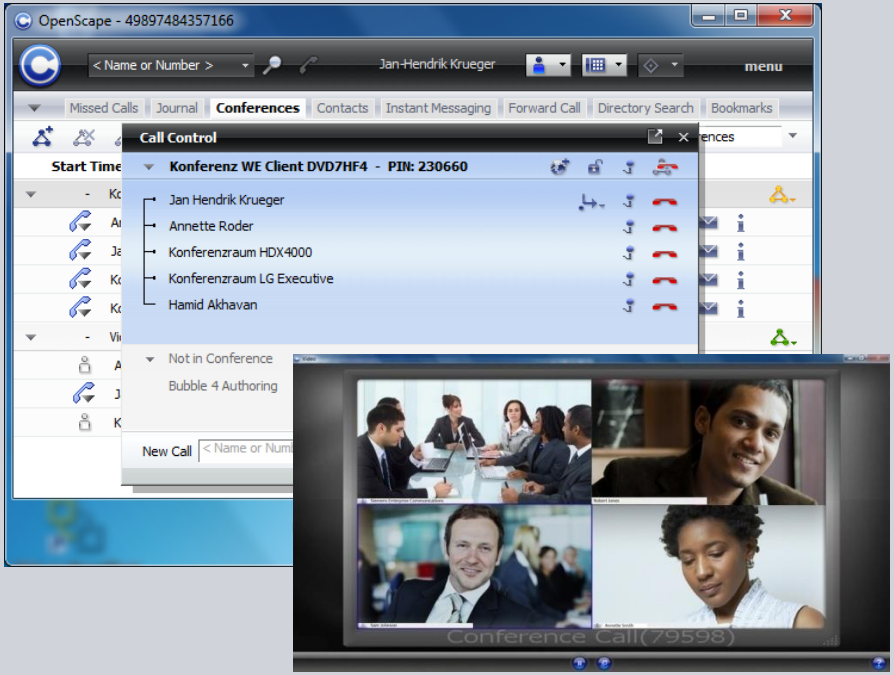
A Practical Option to Travel

Click to Launch Video from OpenScape UC Application Client

- See and hear your colleagues in real-time
- Schedule Audio, Video and Web collaboration in Groupware Calendar
- Set your video endpoint as your preferred device
- Presence status is automatically set to “in meeting”
- Continuous Presence video view of all participants within video frame with active speaker indication



OpenScape Desktop Videoconferencing

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Video becomes an integral element of communications from your UC desktop

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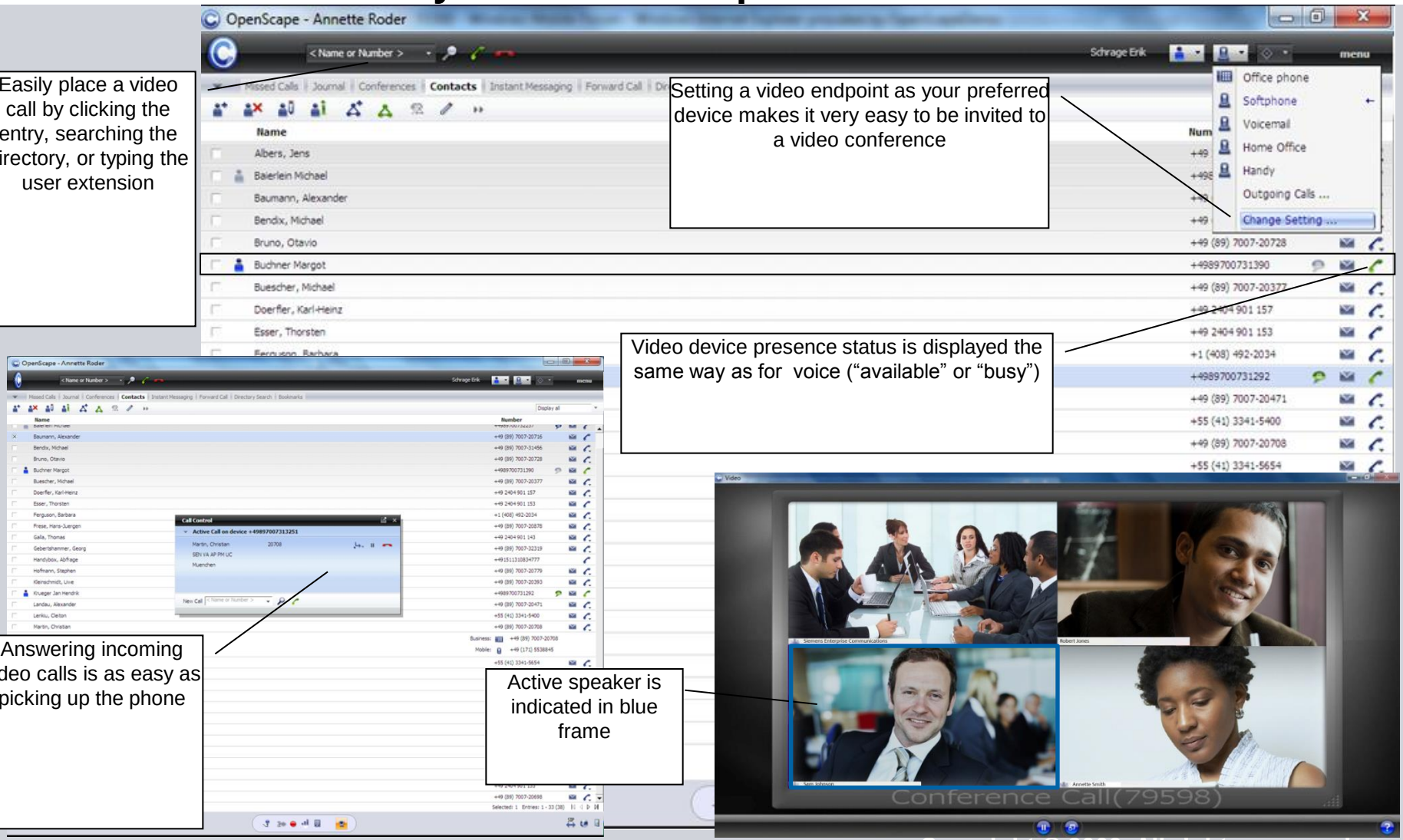
Easily place a video call by clicking the entry, searching the directory, or typing the user extension

Setting a video endpoint as your preferred device makes it very easy to be invited to a video conference

Video device presence status is displayed the same way as for voice (“available” or “busy”)

Answering incoming video calls is as easy as picking up the phone

Active speaker is indicated in blue frame



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Schedule a voice and web conferencing session from Microsoft Outlook in one easy step

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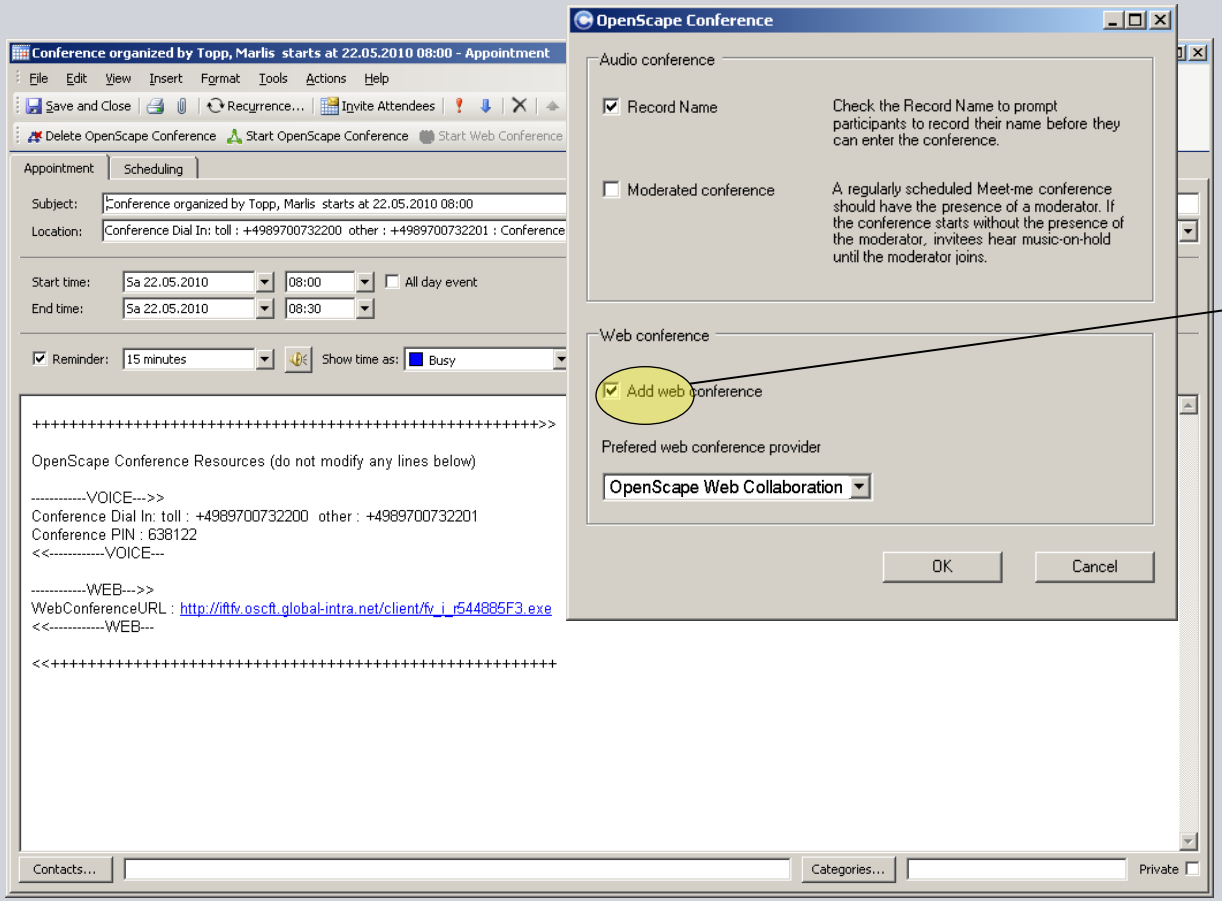

- Microsoft Outlook calendar invitations for voice conferences can easily include web conferencing
- The solution includes click-to-conference integration plug-ins to both Microsoft and IBM groupware clients

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Elevate an existing voice call or conference to a web conferencing session

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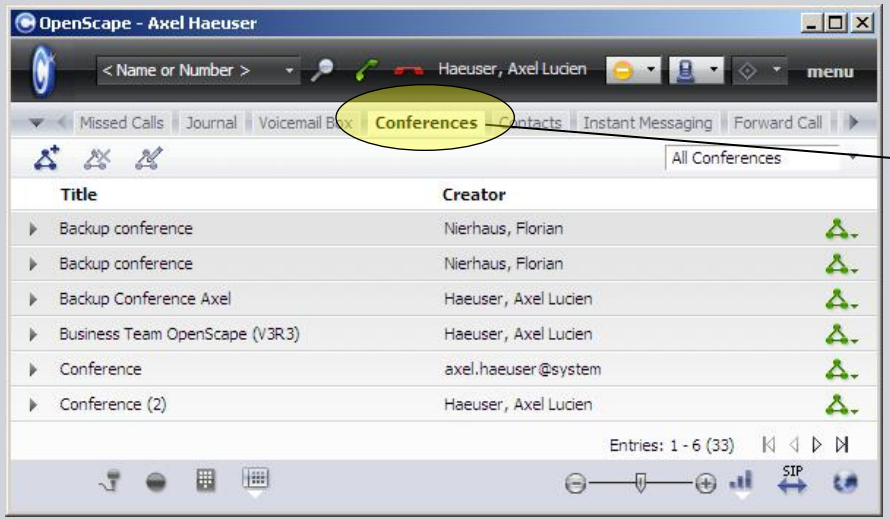

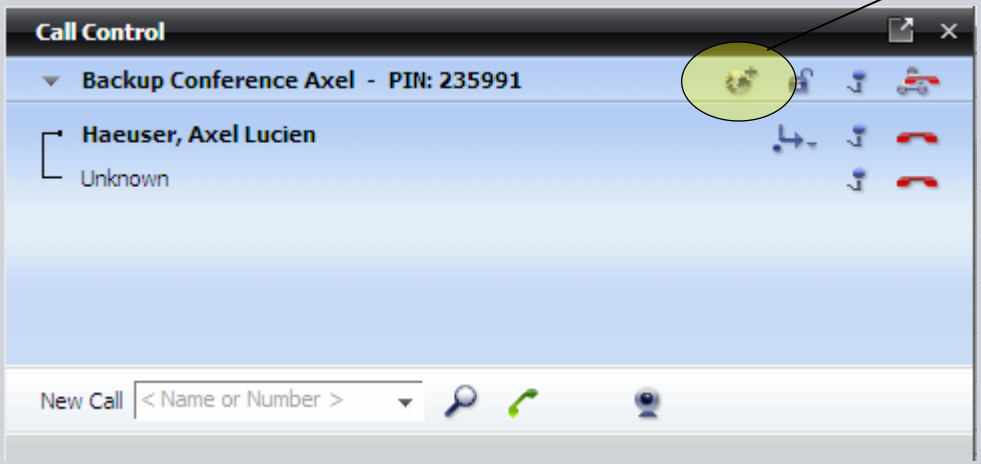

- Launch a web conferencing session from the OpenScape UC Application client
- Simply click on the globe icon to add web conferencing to your existing voice conference

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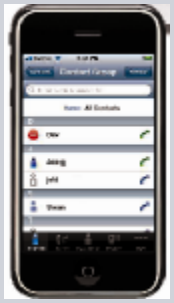
Presence-based real-time communications keeps highly mobile people connected and productive



OpenScape UC Mobile Client

- Improve business continuity
- Be accessible for critical business requests
- Know the presence status of key contacts
- Have quick access to conferences

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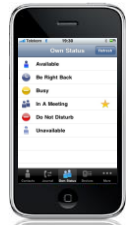
OpenScape UC Mobile Client

Provide mobile users with access to OpenScape UC capabilities through the mobile device

- View and set presence status
- Set up or join individual or conference calls with a single touch
- Set rules to handle calls when you are on the road or unavailable
- Enable colleagues to reach you on a single number
- Reach your colleagues regardless of their device
- Handover a connected call to another device
- Local contact list search, sort and grouping
- Corporate directory search
- See call history and re-dial any numbers



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OpenScape mobility

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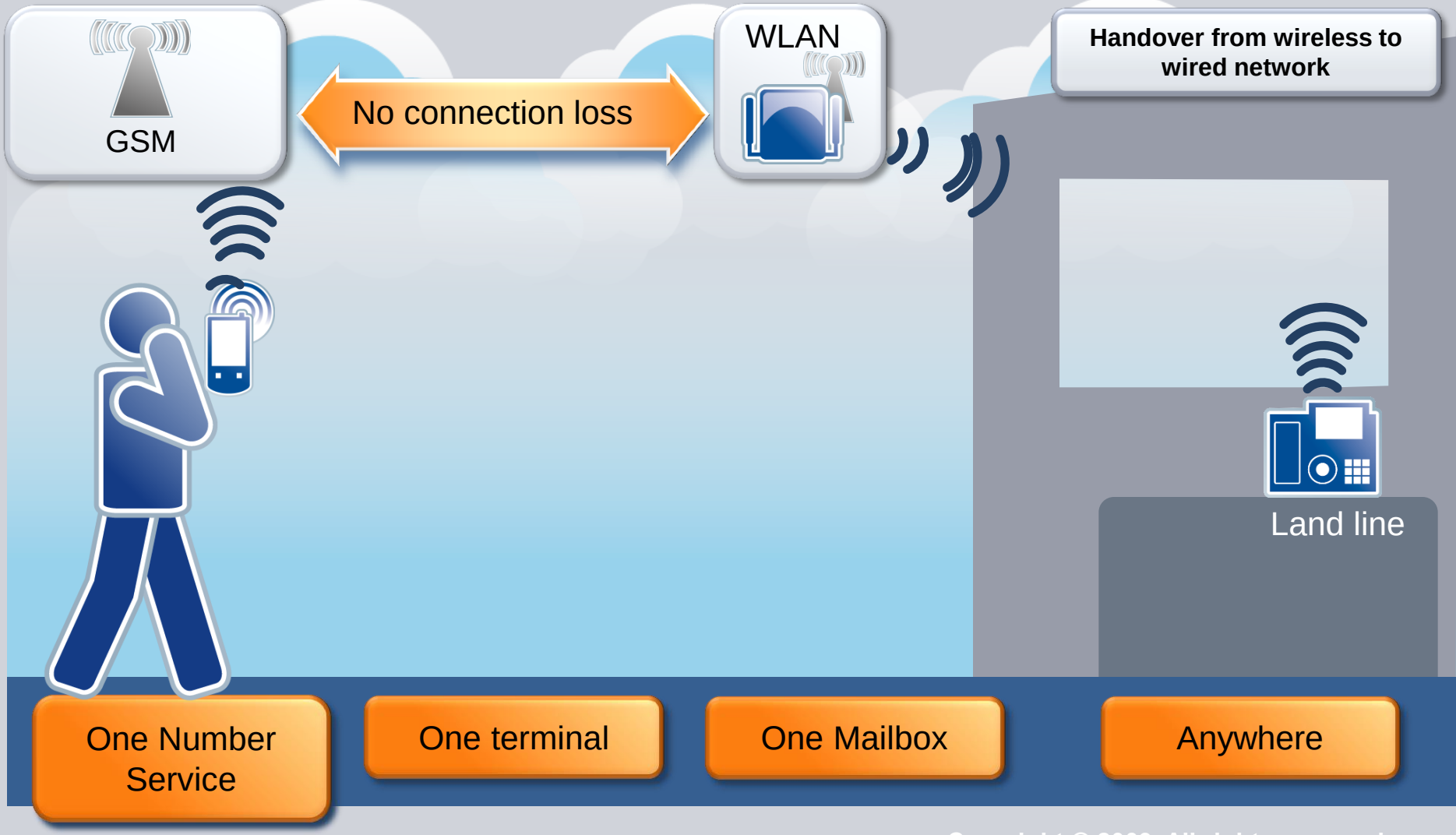

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OpenScape UC Mobile
Mobile Client on Android

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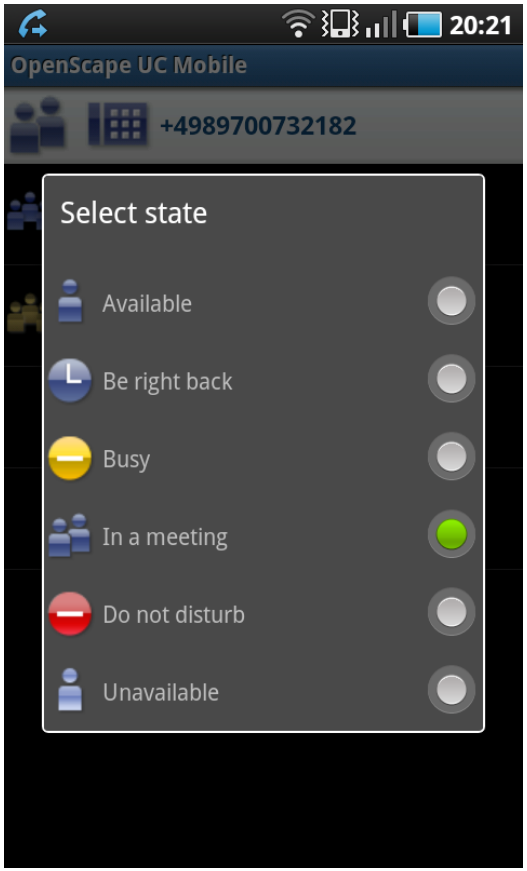
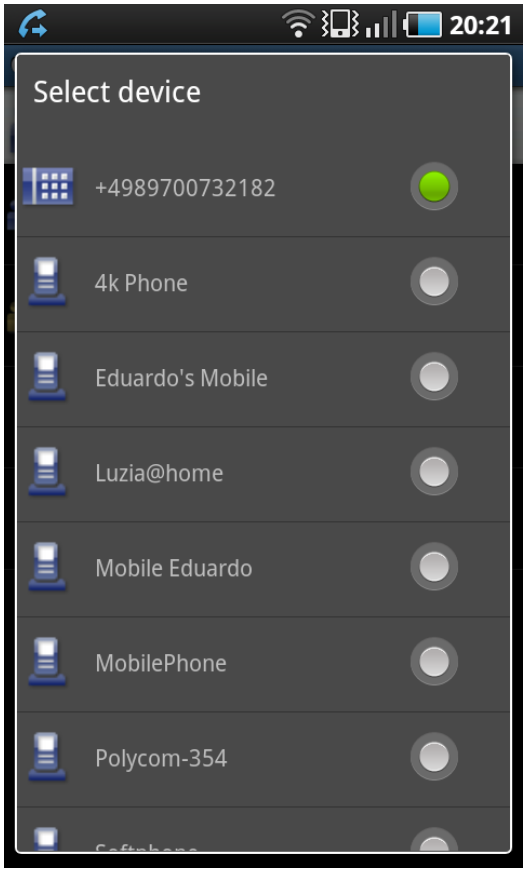
Presence List



Device List



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OpenScape UC Mobile
Mobile Client on Android

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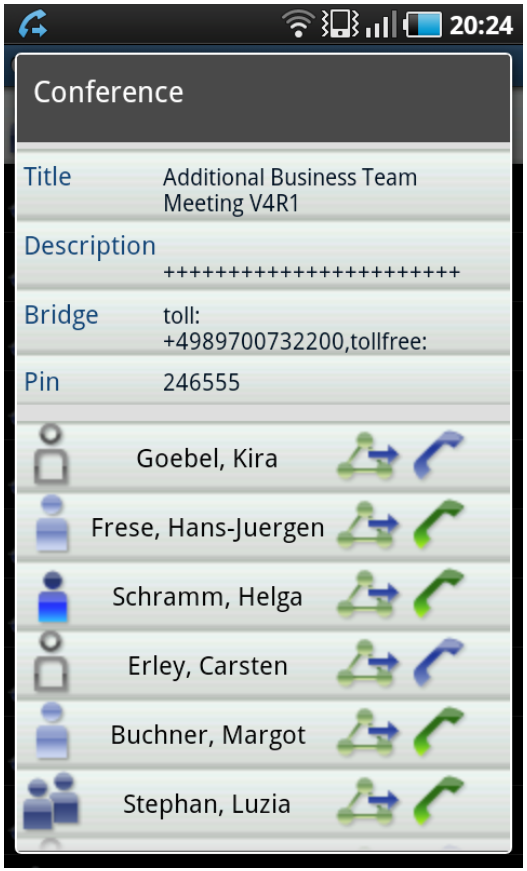
Conferences Details



Journal

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OpenScape Web Collaboration Mobile Client

Accelerate responsiveness by providing employees a convenient way to instantly collaborate in real-time from anywhere

- Full-featured web conferencing solution can be installed quickly, cost-effectively, and with minimum IT resources
- Extend real-time multimedia collaboration capabilities to mobile employees
  - View shared desktops or applications
  - View list of meeting participants
  - Participate in IM chat and multi-party video chat
  - Remote desktop control
- Be accessible from anywhere for critical business meetings
- Have quick access to conferences even when you are running late
- Mobile client that runs on any smartphone device including iPhone, iPad, and iPod Touch

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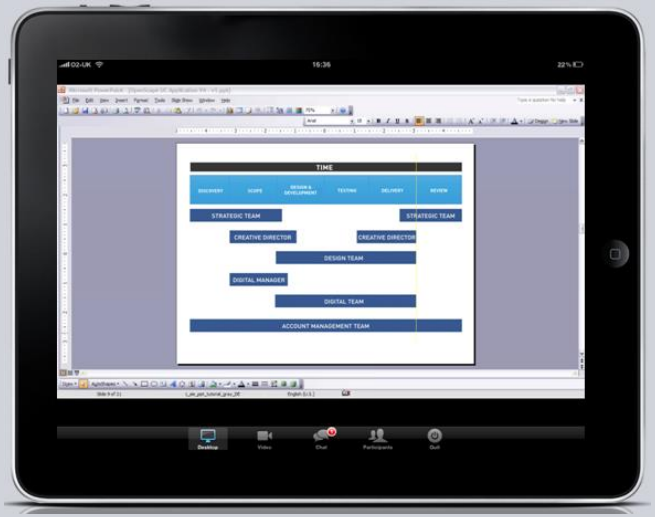
Participate in meetings from your iPhone or iPad

O2-UK 3G 15:30
Name Andrew Johnson's iP...
Please enter a session number to participate
Session number
Join session
1 2 ABC 3 DEF
4 GHI 5 JKL 6 MNO
7 PQRS 8 TUV 9 WXYZ
0



What you can do …

- View shared desktops or applications
- View list of participants
- Participate in IM chat and multi-party video chat
- Remote desktop control

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OpenScape Call Swipe

OpenScape Call Swipe

- OpenScape Call Swipe is the first example of an OpenScape Communications Gesture
- Enables users to seamlessly transfer from their mobile device to a nearby desktop device, and vice-versa
- Users can also decide to push calls to the cellular network or the WLAN
- OpenScape Call Swipe only requires a basic finger gesture to seamlessly move a call to the most convenient device or network!

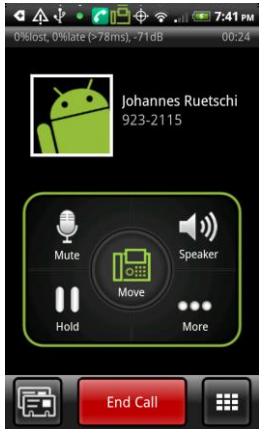
OpenScape Call Swipe in Action

- Ed is at his desk phone on a conference call
- He needs to begin walking across the campus to his next meeting, but the conference is not finished yet…

❶Using OpenScape Call Swipe, Ed quickly and seamlessly transfers the desk call to his cell phone

❷Ed returns to the office and is on another call, so he now transfers from his mobile to his desktop phone

1



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OpenScape Mobile
Call scenarios in V1 and V1R1

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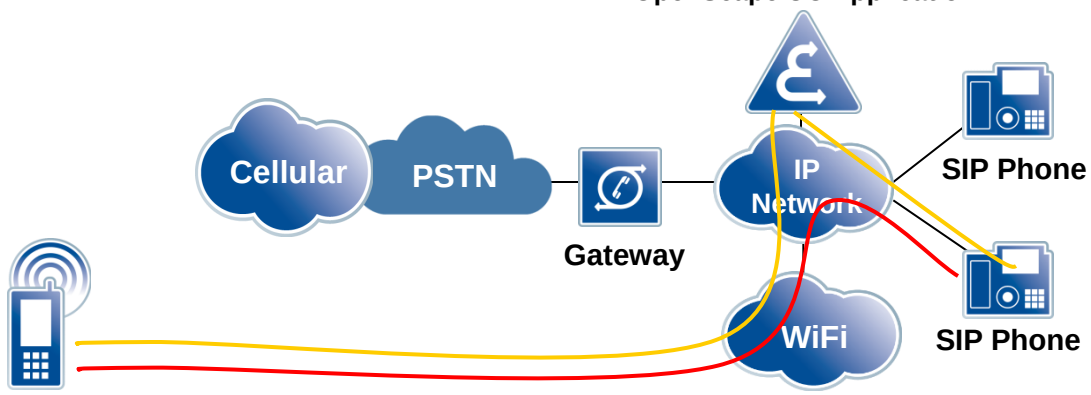
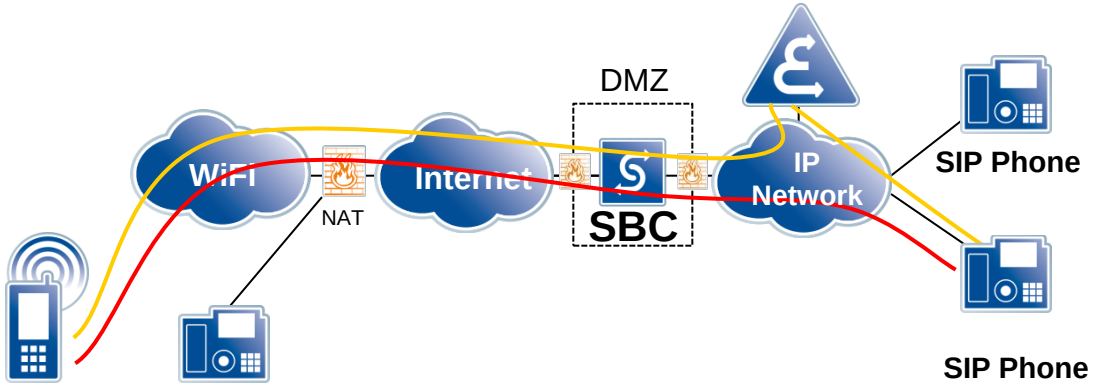
	Network	Payload	Signaling
@ Corporate WiFi 	Corp. WiFi	Corp. WiFi	Corp. WiFi
@ HotSpots, Home Office 	WiFi	Internet	Internet

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SEN Mobility and Devices strategy

Bring your device to work, access all communications

SIEMENS

Next-generation user experience

Consistent UI and features across devices and clients, seamless mobility across networks and devices

Integration

Integration

Video and soft clients

Desktop Phones

Mobile Clients

Consistent access to enterprise and personal communications

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OpenScape Fusion

Join OpenScape Fusion Developer Program to quickly and efficiently develop innovative, high-value communications-enabled solutions

OpenScape Fusion Developer Portal

Be a part of a community and have direct access to our developer resources

OpenScape Fusion SDK

Integrate into any IT or telephony environment your customers choose.

OpenScape Fusion Integration Solutions

Help customers enhance their existing application investments

Leverage OpenScape Fusion Developer Portal to:

Have free access to our developer sandbox for testing your solution

Our mature program saves you time and helps get your product to market faster

Have direct contact with developer experts

Leverage our global base of customers and partners

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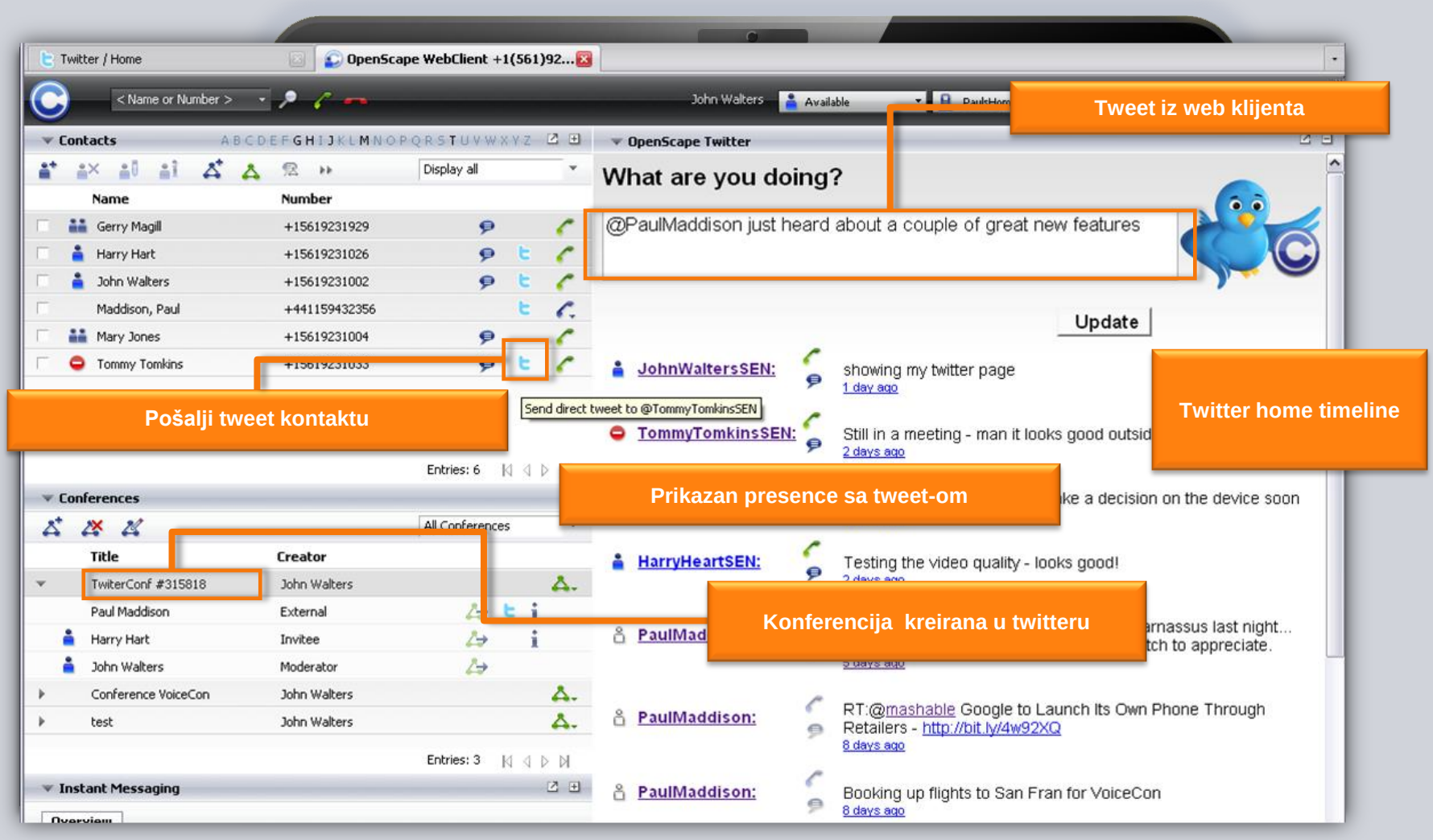
OpenScape Fusion



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What you can do with the OpenScape Fusion SDK

Some examples …

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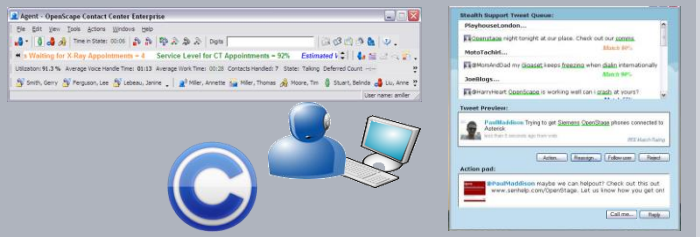
Social Media Integrations

Benefit: Connect with people faster and easier

Contact Center with Embedded UC



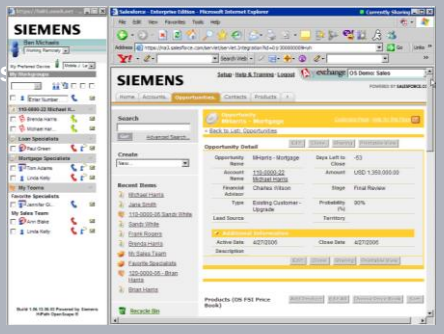
Benefit: Improve response times and proactive support

Powerful Phone Applications

Benefit: Deliver better service and automate communications

Communications Embedded Processes

Benefit: Improve workflows and collaboration



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Stay connected via OpenScape's Speech-enabled Voice Portal

Speech Portal Welcome Announcement:
"Looking in your mailbox and calendar and checking your status."
"You have 5 new messages, your current status is: be right back."
"Main menu - ***what would you like to do?"***

"Listen to all my messages"

"Change my presence status to "available"

"Send a message to Wilson Lee"

"Change my preferred device"

"I'd like to call Ross Sedgewick"

"I would like to listen to my appointments for this afternoon."

"Start a conference call with Jan Hendrik Krueger and Barbara Ferguson"

"I want to create an appointment for tomorrow"

Productivity Gains

- Access OpenScape UC Application from any phone
- Process email and voice messages from a single unified voice mailbox
- Improve responsiveness

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What is new? Social network integration

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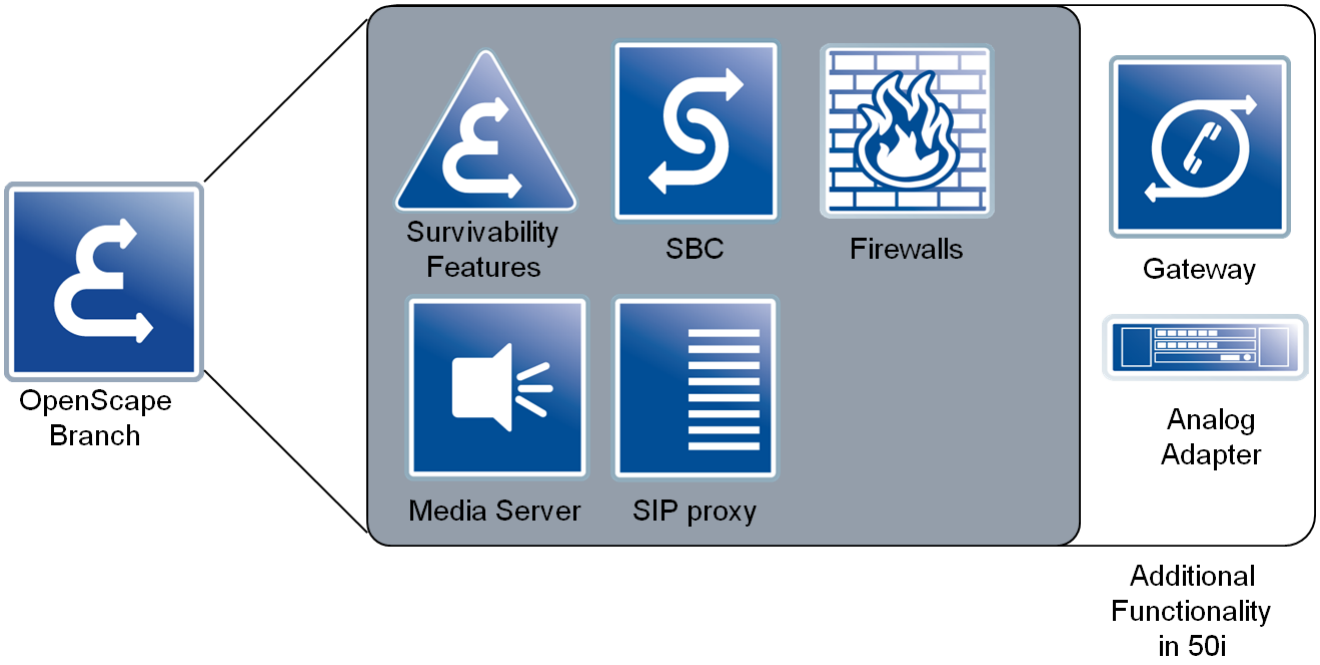
OpenScape Branch – Intelligent Branch Solutions for Enterprise, Carrier and Cloud Applications

SIEMENS

OpenScape Branch Functionality:

- SIP Proxy
- Media Server
- Survivability Features
- SBC
- Firewalls
- Size options:
- 50, 250, 1,000 and 6,000 users
- Clustered for larger sizes
- Optional Branch Redundancy using VRRP
- External Gateway
- Integrated Features in 50i
- Gateway (T1 / E1 options)
- Analog Adapter



New in V1R3 and Branch 50i

- Backup data channel via PSTN/ISDN for added control redundancy
- Auto-Attendant option, E911 enhancements, support of ACD for OpenScape Contact Center
- New Branch 50i with integrated gateway and analog adapters
- Mesh-connected Branch Solutions

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OpenScape Voice - Virtualization

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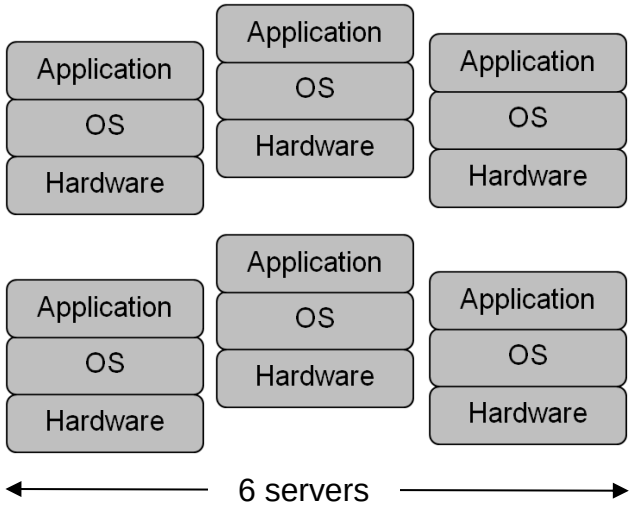
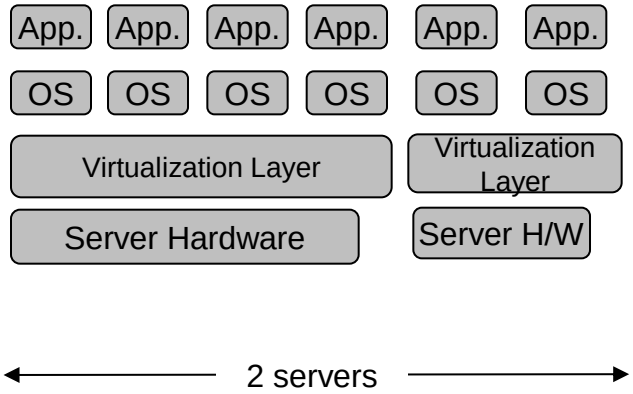
Traditional IT Deployment Requires Multiple Servers



Each application resides on its "own" server. Separate servers are required for every application. Most servers are only lightly loaded most of the time, resulting in wasted resources, higher costs

Deployment with Virtualization



Each application + required OS run on top of a thin Virtualization Layer Virtualization layer enables multiple applications to run simultaneously the on same server. Typically saves 30% to 60% of Servers

OpenScape Voice V5 and OpenScape Branch

- Includes virtualization of OpenScape Voice and SBC with VMWare
- Includes support for high availability dynamic relocation with VMotion
- Full Virtual Appliance to follow in V5R1

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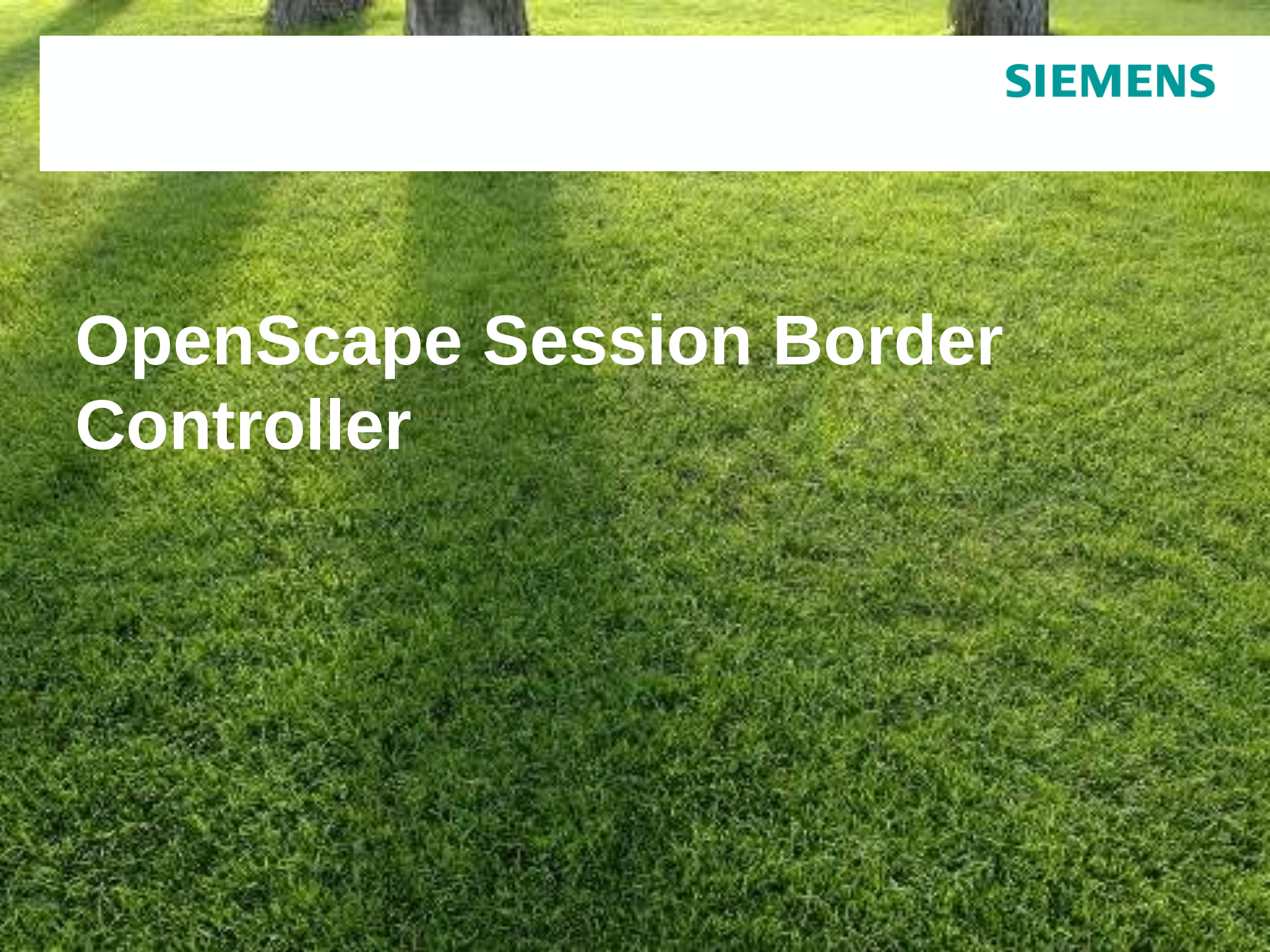
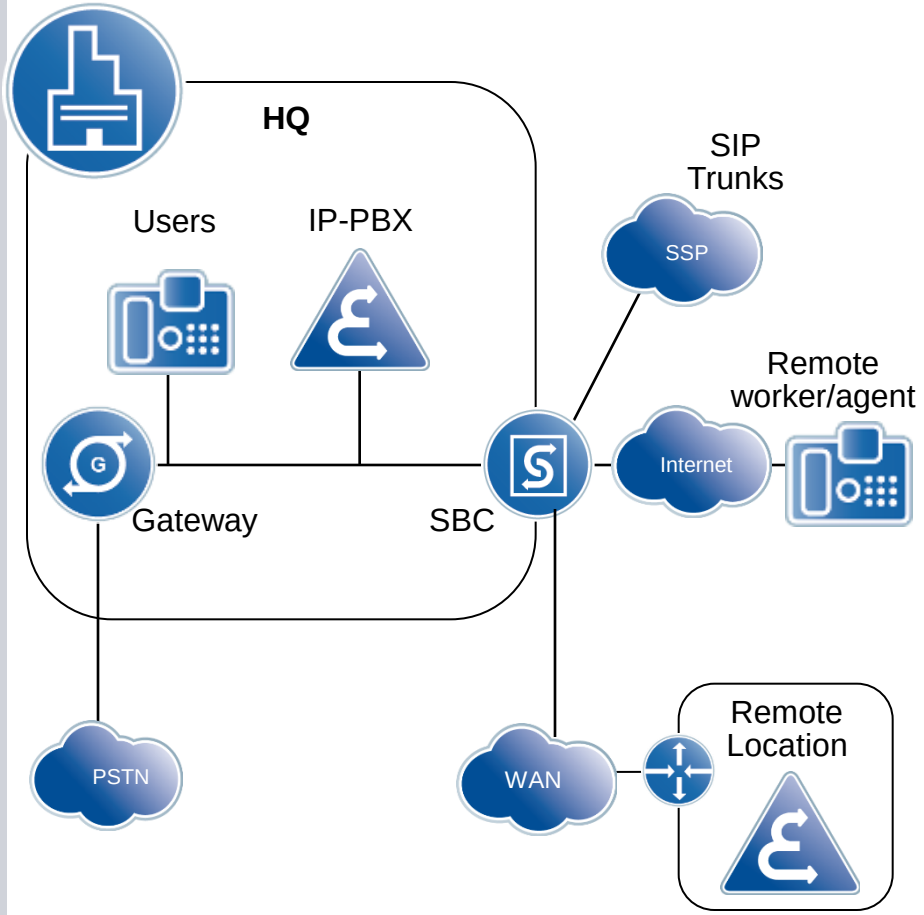

SIEMENS
OpenScape Session Border Controller

What Is a Session Border Controller

Role of the SBC

- VoIP “firewall”
- Provides VoIP and UC security for the enterprise network border
- Designed to work in parallel with data firewall
- Terminates SIP trunking services from SIP Service Provider (SSP)
- Extends communications to remote workers and agents without special hardware
- Securely connects multiple locations

Typical Deployment Scenarios



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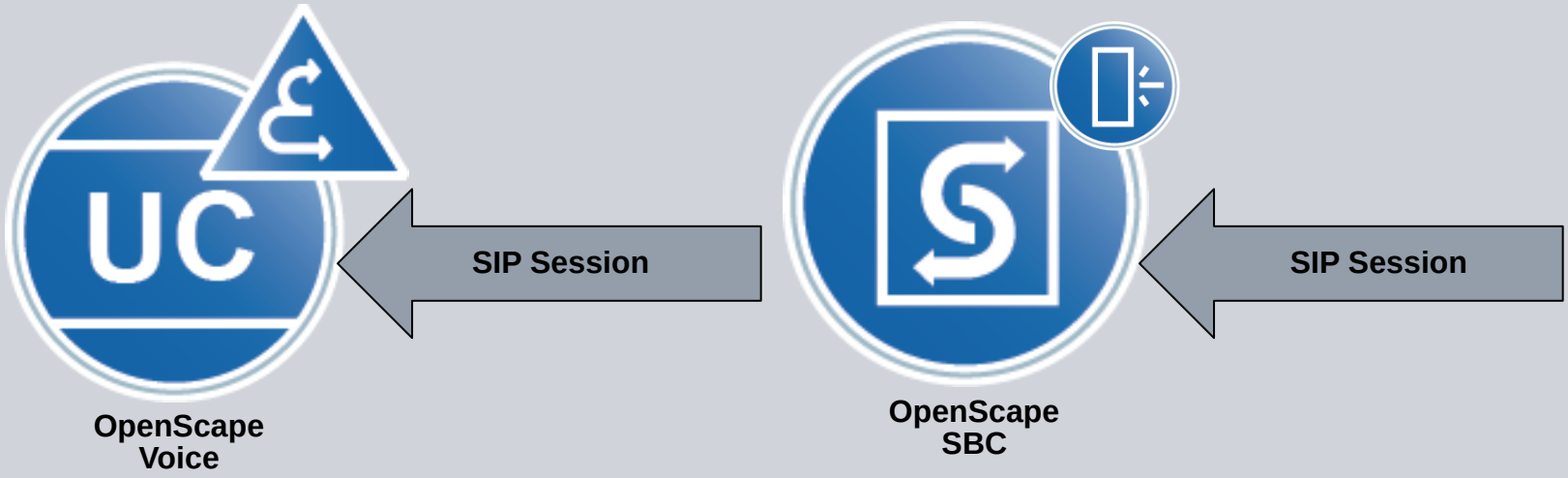
Why A Session Border Controller



- Functions as a SIP back-to-back user agent (B2BUA)
- Terminates SIP sessions prior to enterprise LAN access
- Inspects for malformed packet, protocol anomalies
- Provides Denial of Service/ Distributed DoS protection

- Protects against registration floods
- Enables dynamic firewall pin-holing for media traffic
- Delivers secure RTP pass-through for encrypted media packets
- Provides network access translation (NAT) termination for remote worker support

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OpenScape Session Border Controller Overview

- Linux-based, open software application
- Designed specifically for OpenScape Voice customers
- Supports from 1 up to 4,000 sessions (approx.15,000 users) on a single OpenScape SBC server
- Single point of administration for OpenScape Voice and SBC
- Local and geographical redundancy options for business continuity
- Deployed on industry standard servers for faster return on investment
- Predictable, linear pricing model for lower total cost of ownership

Smartest, fastest, most cost-effective way for OpenScape Voice customers to securely deploy SIP trunks and remote workers

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Highly Focused on VoIP Security

- Provides for business requirements for highly secure unified communications solutions
- Acts as internal firewall for secure communication
- Supports secure calls by encrypted signaling – Transport Layer Security (TLS)
- Supports secure calls by encrypted media – Secure Real-Time Transport Protocol (SRTP)
- Intrusion detection, topology hiding and strict SIP validation
- Supports VPN connections (IPSec), key generation (OpenSSL) and message digest authentication
- Delivers Network Address Translation (NAT) and Port Address Translation (PAT) for remote worker/agent access

"Certified Secure" rating from independent testing house Miercom

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Voice, Video and Subscriber Feature Support

- Supports all OpenScape Voice features
- Supports voice and video connections
- OpenStage devices
- OpenScape Personal Edition and Enterprise Edition Web Embedded desktop clients

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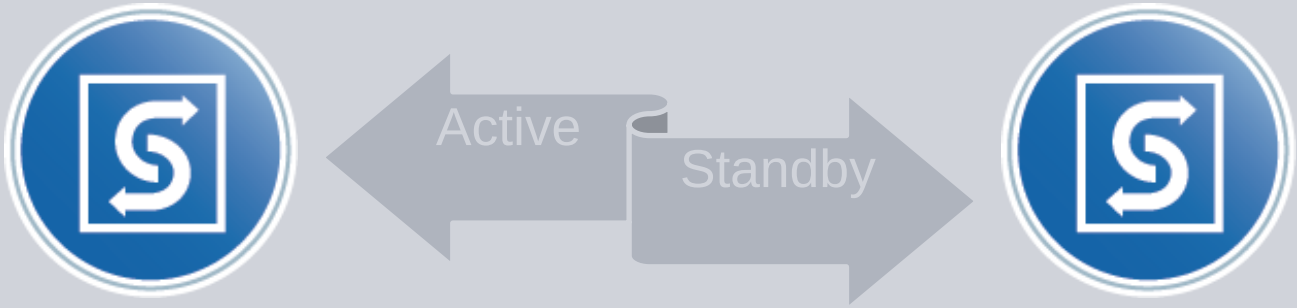
Siemens Enterprise Communications

Redundancy Option for Business Continuity

- Supports high availability requirements for critical business communications
  - Local and geographical separation options available
- Automatically maintain exact copies of data base on both servers including call state information
  - Run in active-standby mode for real-time redundancy
    - Standby OpenScape SBC reroute signaling and media streams to itself in the event of failure



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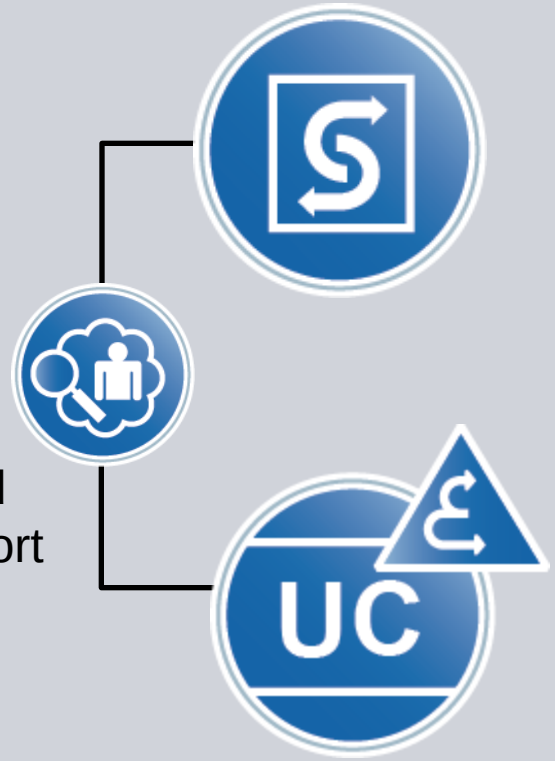
Management and Administration

- Uses same OpenScape Common Management Portal (CMP) for both Voice and SBC
- Local management web graphical user interface
- Standard configuration profiles for common deployment scenarios
- Alarming, backup and restore, continuous tracing and logging functions for administration and service support
- Lower TCO and ongoing maintenance / support cost compared to 3rd-party SBC solution



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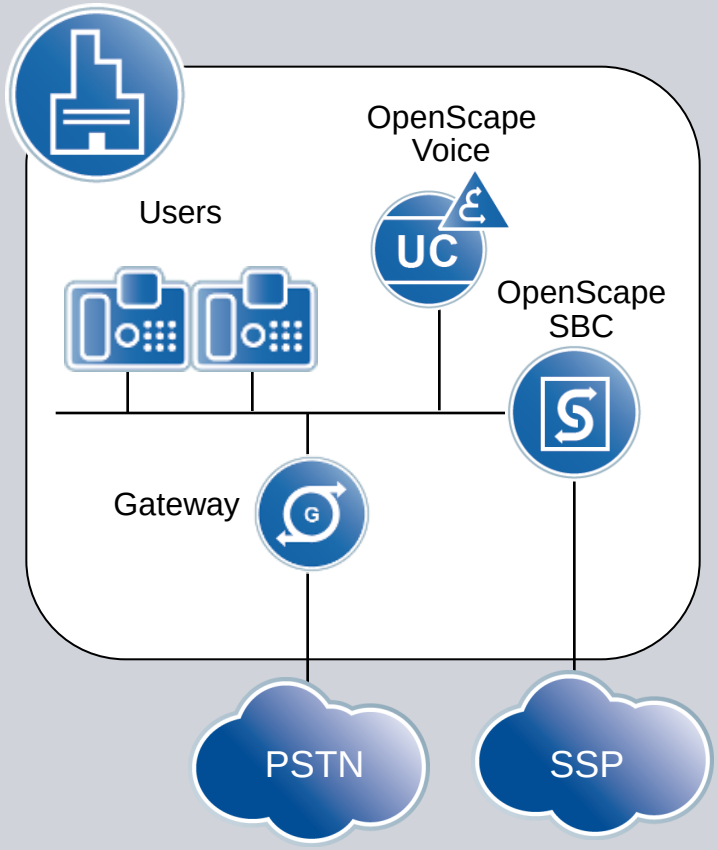
OpenScape SBC Deployment Scenario #1 - SIP Service Provider (SSP) using SIP trunking

SIEMENS

- Provides interoperability between OpenScape and SIP Service Providers (SSPs)
- Enables use of broadband SIP trunking services for inbound/outbound off-net calls
- Establishes clear demarcation of enterprise network border
- Provides signaling and media security, and topology hiding



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OpenScape SBC Deployment Scenario #2 - Remote Subscribers

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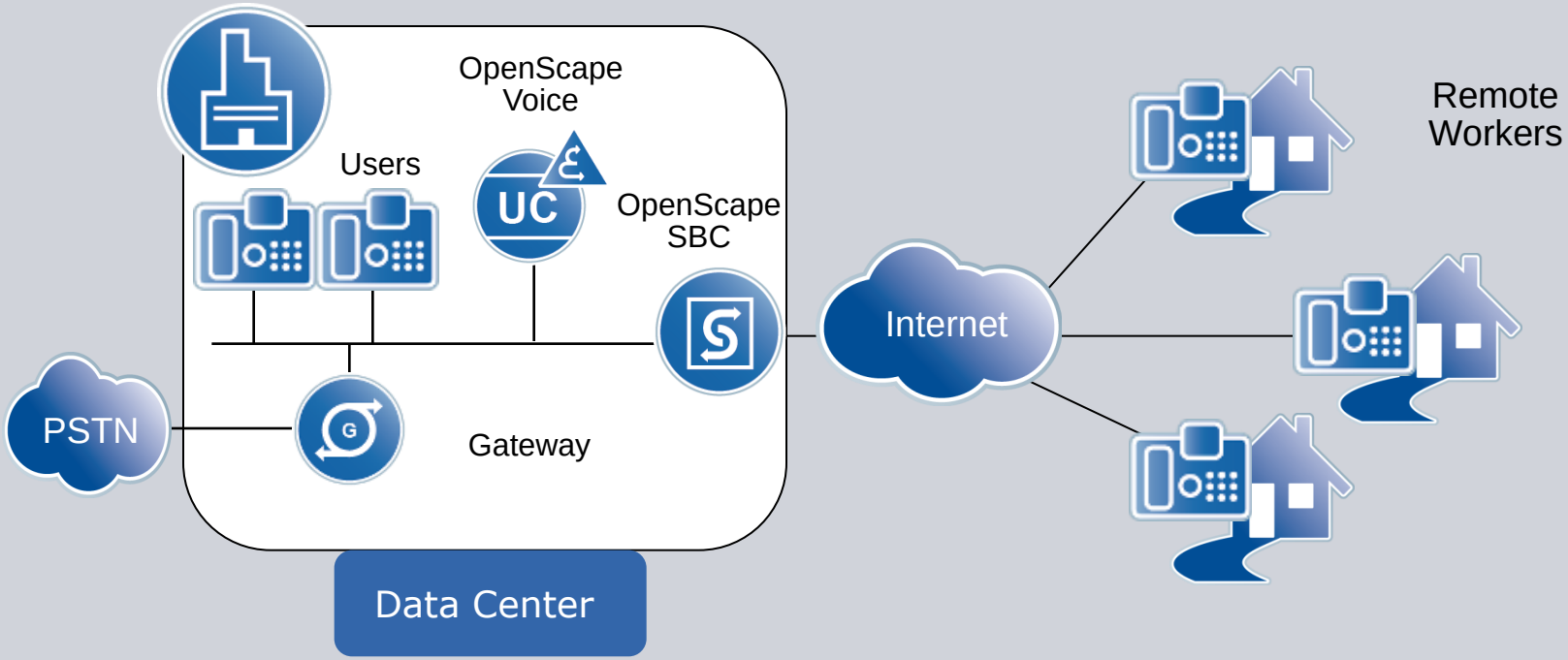
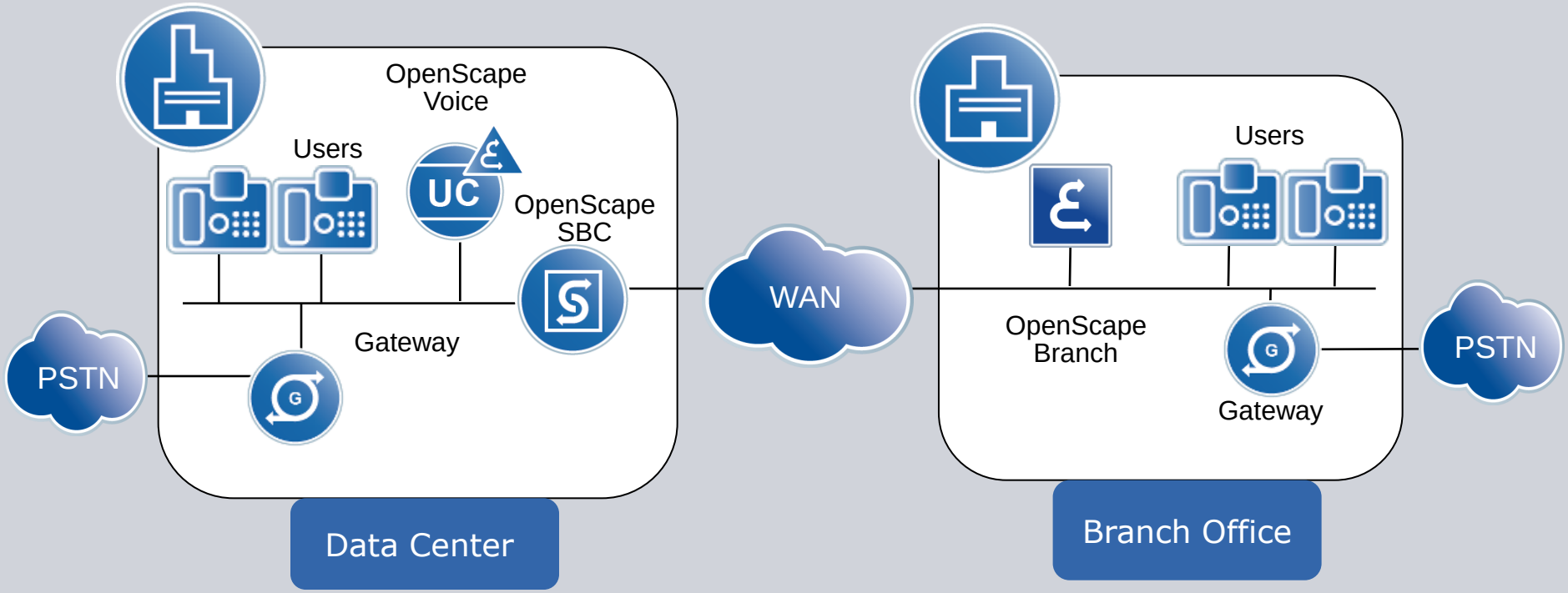


- Provides secure connectivity to remote users with encryption, authentication, media handling and dynamic pin-holing
- Supports application availability via hosted NAT, IP-address and management, and media anchoring / release
- Cost effective - requires no specialized hardware at remote worker location

OpenScape SBC Deployment Scenario #3 - Branch Office

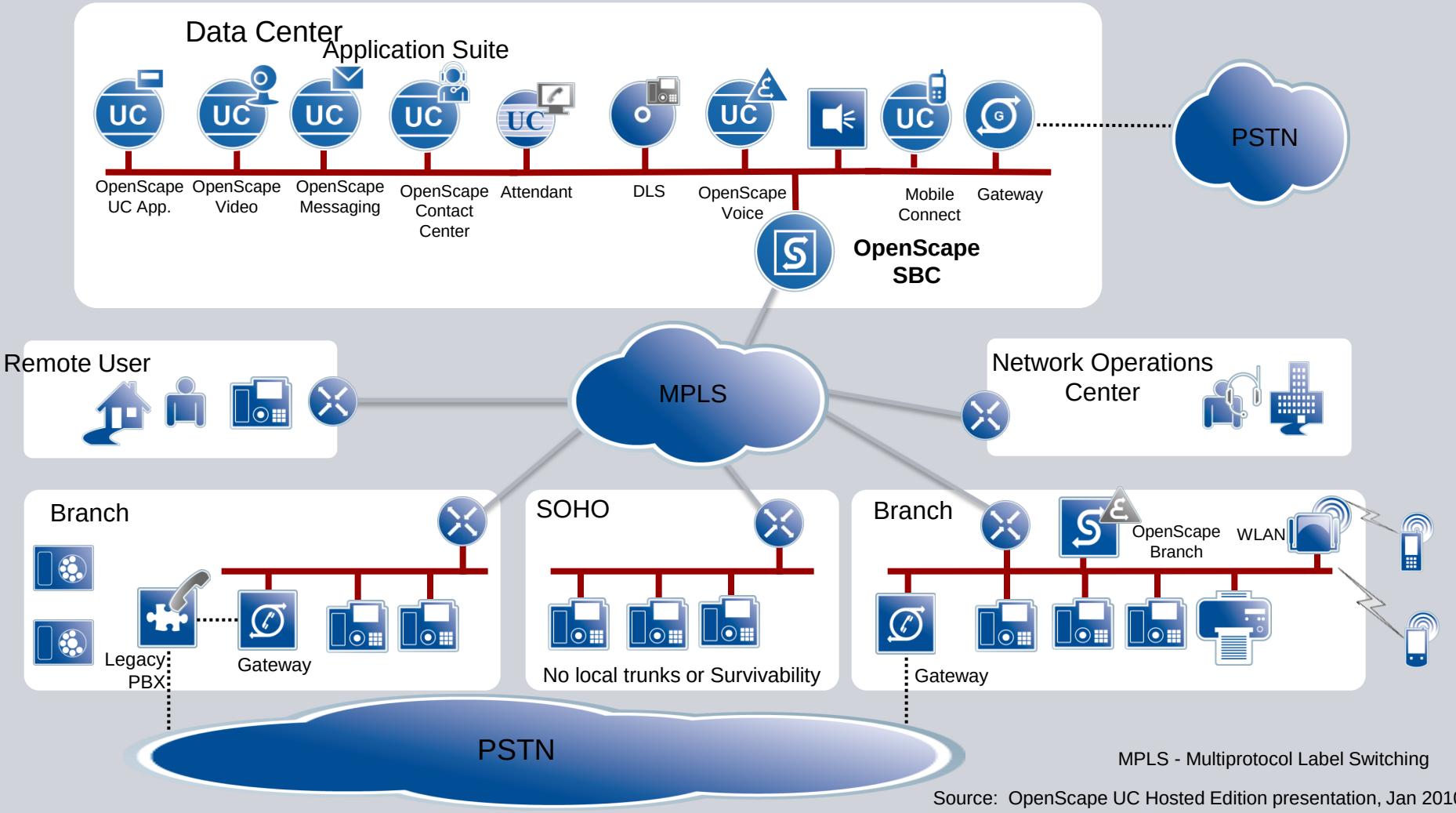
SIEMENS



- Provides additional secure connectivity to branch office including encryption, authentication and media handling
- Supports application availability via hosted NAT, IP-address management, and media anchoring / release

Siemens Enterprise Communications

OpenScape SBC Deployment Scenario #4 - Cloud/Hosted Services



MPLS - Multiprotocol Label Switching

Source: OpenScape UC Hosted Edition presentation, Jan 2010

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SIEMENS

Reference našeg tima za OpenScape Voice/UC

- VUB Bank Slovakia (member of Banca Intesa Group) – over 2500 users at the begining, now over 4000 – gradual migration from H4000
- SmartCom Slovenia – Managed service provider
- University of Belgrade – Rektorat –install of over 200 users and 6 locations
- Credit Agricole Bank (ex Meridian Bank) – Voice and UC for 100 users as a top on 100+ locations with H4K and H3K
- Dnevni Avaz (daily newspaper – BiH) – over 200 users with full UC/Xpressions features
- BES – Banco Espirito Santo Portugal (over 16,000 users)
- Informatika
- Atlas Capital Center (Siemens One)
- Garda, St.Vincent private hospital, Ireland

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Siemens devices and Soft Clients Portfolio

Unify Devices and Soft Clients
End to end communication … it all starts right here.

SIEMENS

Desktop Devices

Award-winning design offering high definition voice and maximum connectivity options

Mobile Clients

The industry's most complete mobile UC suite supports the anywhere worker

Wireless Devices

On-site mobile voice communications – reliable, secure and cost-effective DECT and WLAN solutions

Soft Clients

Unified communication from your PC with OpenScape UC Application soft client, with video and HD voice

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Our Desktop Phone Portfolio

End to end desktop communications

SIEMENS

OpenStage 5

SIP

Ideal entry-level phone with high definition audio, and wall-mountable

OpenStage 10 / 10G

TDM

TDM
HFA
SIP

High quality OpenStage audio ideal for mass deployments in TDM environments

OpenStage 15 / 15G

TDM
HFA
SIP

Exceptional voice quality, features, 2-line display. Ideal for entry-level mass deployments

OpenStage 20

Tiltable display and TouchPad provide excellent ease of control for office professionals

OpenStage 30 / 30G

TDM

Vast array of configurable keys and expansion modules for outbound calling specialists

OpenScape 35G

SIP

Modern, ergonomic design, HD audio, headphone jack and notably small footprint - ideal for knowledge workers or contact center agents

OpenStage 40 / 40G

TDM
HFA
SIP

Large display and profile mobility, ideal for teams or
call centers

OpenStage 40US available

OpenScape 55G

SIP

TDM
HFA
SIP

Modern design, crystal-clear HD sound supports up to 30 lines. Ideal for the power user or boss /admin.

OpenStage 60 / 60G

TDM
HFA
SIP

High Definition voice, vivid LCD display, with rich features and apps for power users & managers

OpenStage 80

An extraordinary best-in-class user experience for executives and top-level managers

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Our Desktop Phone Portfolio

Feature	OpenStage 5	OpenStage 10	OpenStage 15 / 15G	OpenStage 20	OpenStage 30	OpenScape DP IP 35G	OpenStage 40 / 40G	OpenScape DP IP 55G	OpenStage 60 / 60G	OpenStage 80
Telephony	SIP	TDM	SIP, HFA, TDM	SIP, HFA, TDM	TDM	SIP	SIP, HFA, TDM	SIP	SIP, HFA, TDM	TDM
Color	No display	No display	Mono.	Mono.	Mono.	Mono.	Mono.	QVGA	QVGA	QVGA
Tiltable	-	-	-	√	-	√ 4 positions	√	√ 4 positions	√	√
Programmable touch keys	8	3	8	0	8	3	6	8	8	8
AudioPresence^{TM}	√	-	√	√	-	√	√ (SIP/HFA)	√	√ (SIP/HFA)	-
Navigation	-	-	3 menu keys	3-point navigator	3 menu keys	4 menu keys	5-point navigator	4 menu keys and “OK”	TouchGuide	TouchGuide
Phonebook	-	-	Personal. LDAP coming soon	Personal. LDAP coming soon	System Phonebook	Personal. LDAP coming soon	Personal & LDAP	Personal. LDAP coming soon	Personal & LDAP	Personal & LDAP
Call log/mailbox	-	Mailbox	√	√	√	√	√	√	√	√
Bluetooth interface	-	-	-	-	-	-	-	-	√	√
Headset jack	-	-	-	-	√	√	√	√	√	√
Gigabit Ethernet	-	-	- / √	-	-	√	- / √	√	- / √	-

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Wireless Devices

DECT			WLAN
OpenStage SL4 professional	Gigaset S4 professional	OpenStage M3 Family	OpenStage WL3 Family
Highly portable, powerful device with smart phone appearance Multi-cell capability Encrypted voice transmission	Excellent price to performance ratio Hands-free mode Illuminated MWI notification Headset port	Industrial-grade phones: IP65 protection, Ex-certification variants Bluetooth-enabled for headset Panic Button	Integrate mobile users with your wireless LAN WL3 Plus model for advanced security and messaging

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DECT and VoWLAN
Comparison

SIEMENS

DECT	VoWLAN	CUSTOMER CONSIDERATION
Optimized for voice; limited data capabilities	Supports voice and data on one network	VoWLAN requires careful deployment and capacity planning, DECT is relatively a simple installation
Dedicated frequency band at 1.9 GHz; marginal interference	802.11 networks in the 2.4 GHz band; 802.11a/h/n in the 5 GHz band	Dedicated frequencies help isolate interference
Mature and robust mechanisms for roaming, handover, encryption & security	Established protocols for roaming and handover; open security standards exist.	Security should not be sacrificed when roaming or when calls change access points or nodes to maintain communication
Quality of Service is uniform	Quality of Service influenced by network traffic, CAC capability	QoS guarantees are important to ensure a high standard of performance, particularly if network capacity is insufficient
Supports 120 non-overlapping channels	Supports 11 to 13 channels 19 channels in EU with 802.11a/n	More channels will ensure your signal and quality of communication are stable
Typical standby time is 150 hours, and typical talk time (battery) is 50 hours	Maximum standby time is up to 80 hours, and maximum talk time is up to 8 hours	Longer battery life enables workers to be productive longer and helps reduce dropped calls
Range of 300 meters	Range of 30-150 meters for 802.11 networks	An extended range for your phones will ensure less calls are dropped and will allow workers to be more flexible with mobility

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Connect and collaborate while mobile
OpenScape UC Application and Web Collaboration

SIEMENS

Don’t add mobile …

Be mobile.

OpenScape UC Application

- View and set presence status
- Single touch call set up or join
- Be reachable with a single number
- Handover “in progress” calls to other devices

OpenScape Web Collaboration

- Real-time engagement for mobile employees
- Small client that installs quickly, cost-effectively
- Be reachable from anywhere

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Raising the bar for anywhere workers
OpenScape Mobility

SIEMENS

Don’t add mobile …

Be mobile.

OpenScape Mobility

- Mobile UC and SIP-based VoIP in a single mobile client
  - Award-winning gesture-driven user experience
- Swipe active calls to any device, including home or hotel phones
  - Highly secure using TLS/SRTP
- Public and enterprise app-store ready, for choice, flexibility and control

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Stay connected when you're on the move
OpenScape Mobility

SIEMENS

Move calls with a simple swipe of your finger!

Start with a VoIP call from the campus WLAN

Swipe the call to the desk phone

Swipe back to the cellular network

Swipe to the home phone

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Devices Portfolio In Depth

OpenStage 5

An ideal entry-level phone, delivering AudioPresence™ voice quality and the elegant design users expect from Unify

OpenStage 5

- 12 button dial pad
- Plus / minus keys to control volume
- 8 programmable keys (6 line keys)
- Wall mountable

SIP

HD

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OpenStage 10

An ideal entry-level phone, delivering the excellent voice quality and elegant design users expect from Unify

OpenStage 10

- 12 button dial pad
- Speaker key with LED
- 3 free programmable keys with LEDs
- Plus / minus keys to control volume
- Open listening
- 3rd party CTI
- No SW download
- Phone adapter supported

TDM

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OpenStage 15

Exceptional OpenStage performance in an affordable, easy-to-use package for a wide variety of users

OpenStage 15

- Display, 2x24 characters
- 12 key dial pad and 8 free programmable keys
- Speaker, messages and menu key
- Full-duplex hands-free talking
- Key Module 15 support
- GbE support and power class

TDM HFA SIP

HD

IP Model

- 802.3af PoE – class 1 / 2
- 100bT / GBit Ethernet
- G.722, G.729, G.711
- DLS support
- Media encryption

TDM Model

- Phone adapter supported

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OpenStage 20

The first of the the acclaimed OpenStage interface design, delivering trademark voice quality and feature-set

OpenStage 20

TDM HFA SIP

HD

- Tiltable 2-line monochrome display
- Wall-mountable
- 12 button dial pad with 6 pre-set feature buttons
- 3-way navigator with pushbuttons
- Full duplex speaker phone
- Message waiting indicator

IP Model

- 802.3af PoE class 1 / 2
- 100bT
- G.722, G.729, G.711
- DLS support
- QoS: Diffserv, 802.1p/q
- Media encryption
- 802.1x auth

TDM Model

- Enhanced CorNet feature-set
- Phone adapter supported

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OpenStage 20

The first of the the acclaimed OpenStage interface design, delivering trademark voice quality and feature-set

OpenStage 20

TDM HFA SIP

HD

- Tiltable 2-line monochrome display
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- QoS: Diffserv, 802.1p/q
- Media encryption
- 802.1x auth

TDM Model

- Enhanced CorNet feature-set
- Phone adapter supported

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OpenStage 30

Immense flexibility for specialists frequently placing outbound calls, with ample configurable function keys and expansion modules

OpenStage 30

TDM

- 2 line monochrome graphical display
- 8 fixed function keys (6 red LEDs)
- 8 freely programmable touch keys with 8 red LEDs
- CTI support
- USB slave – establishes connection to a PC
- OpenStage Busy Lamp Field
- OpenStage Key Module support

TDM Model

- Enhanced CorNet feature-set
- Phone adapter supported

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OpenScape Desk Phone IP 35G

High value, cost effective Gigabit IP phone for the knowledge worker

OpenScape Desk Phone IP 35G

- 4 angle tilt-adjustable with notably small footprint
- Wall-mountable without additional kit
- Full duplex speaker phone plus headset jack
- 3 programmable keys (pre-programmed)
- 3 line multi-line support
- Call log, phonebook
- 2x34 character display

SIP

HD

IP Model

- IEEE 802.1x
- 100bT / Gigabit Ethernet
- G.722, G.729, G.711
- DLS support
- Media encryption
- LLDP-MED

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OpenStage 40

Great customization and profile mobility make this the ideal phone solution for desk sharers, temporary teams and call center staff.

OpenStage 40

- Tiltable 6-line monochrome backlit display
- Wall-mountable
- 12 button dial pad, 6 pre-set feature buttons
- 6 free programmable keys with LEDs
- Status LED & Message Waiting Indicator
- 5-way navigator with pushbuttons
- Full duplex speaker phone and headset jack

TDM HFA SIP

HD

IP Model

- 802.3af PoE class 2
- 100bT / Gigabit Ethernet
- G.722, G.729, G.711
- DLS support
- QoS: Diffserv, 802.1p/q
- Media encryption
- 802.1x auth

TDM Model

- Enhanced CorNet feature-set
- Phone adapter supported

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OpenScape Desk Phone IP 55G

Powerful and elegant – a high performance Gbit IP phone for power users

OpenScape Desk Phone IP 55G

- 4 angle tilt-adjustable with notably small footprint
- 8 / 30 lines supported with key-modules
- QVGA color display
- Videophone with external USB-cam
- 8 free programmable keys, 4 soft keys
- 14 fixed function keys
- Full duplex speaker phone plus headset jack
- Self-labeling keys
- Phonebook and LDAP client
- Wall mount kit available
- AudioPresenceTM HD

SIP

HD

IP Model

- IEEE 802.1x
- 100bT / Gigabit Ethernet
- G.722, G.729, G.711
- DLS support
- Media encryption
- LLDP-MED

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Siemens Enterprise Communications

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OpenStage 60

Great customization and profile mobility make this the ideal phone solution for desk sharers, temporary teams and call center staff.

OpenStage 60

- Tiltable 5.7” color (QVGA) backlit display
- Status LED & Message Waiting Indicator

TDM HFA SIP

HD

- 8 free programmable keys with LEDs and 9 pre-set buttons
- TouchGuide™ navigator and illuminated TouchSlider™ for volume adjustment
- Full duplex speaker phone plus headset jack
- Bluetooth and USB
- SIP: Videophone with USB webcam

IP Model

- 802.3af PoE class 3
- 100bT / Gigabit Ethernet
- G.722, G.729, G.711
- DLS support
- QoS: Diffserv, 802.1p/q
- Media encryption
- 802.1x auth

TDM Model

- Enhanced CorNet feature-set
- Phone adapter supported

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OpenStage 80

The pinnacle of the OpenStage user experience, featuring stunning design, best-in-class LCD display, excellent voice quality, and premium features

OpenStage 80

TDM HFA SIP

- Tiltable 5.7” color (QVGA) backlit display
- Status LED & Message Waiting Indicator
- 8 free programmable keys with LEDs
- 9 pre-set feature buttons
- TouchGuideTM navigator and illuminated TouchSliderTM for volume adjustment
- Full duplex speaker phone plus headset jack
- Bluetooth and USB

TDM Model

- Enhanced CorNet feature-set
- Phone adapter supported

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OpenStage SL4 professional

Slimmest and smallest DECT cordless handset in the portfolio that doesn't compromise high end functionality, security or design

OpenStage SL4 professional

- High-quality handset
- Large 1.8" TFT color display with a modern user interface
- Bluetooth interface
- Multi-cell capability with:
  - Roaming
  - Seamless connection handover during a call
  - Bearer handover in case of disturbances
- Display message when leaving the radio network
- Encrypted voice transmission
- Secure system logon

DECT

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Gigaset S4 professional

Extends Unify best-in-class voice quality and feature-set to an elegant DECT cordless handset, an ideal device for managers and team leaders on the move

Gigaset S4 professional

- Up to 12 hours talk time, 165 hours standby time
- Duplex hands-free speakerphone
- PIN protection (4 digit)
- Telephone directory with up to 500 entries and names
- Illuminated graphical 65 k color LCD display
- Bluetooth™ headset & PC connectivity
- HPS (HiPath Positioning System) support
- 26 display languages
- PC software for phone administration

DECT

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OpenStage M3 Family

Industry-leading DECT voice quality and features in a robust family of phones for many environments including industrial and explosive

OpenStage M3 Family

- 4 variants including explosive and advanced alarming
- IP65-certified housing, i.e. protection against water and dust
- Shock- and break-proof
- Modern, best in class user interface
- Bluetooth interface
- Excellent sound quality in support of noisy environments
- Standard connector for headsets
- Up to 17 hours talk time and up to 200 hours standby time

DECT

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OpenStage WL3 Family

Enterprise-grade VoWLAN handset with personal alarm and messaging capability for superior voice quality, mobility, and security

OpenStage WL3 Family

WLAN

- Simplified interface for easy feature access
- Powerful local features including rich directory, missed calls list, LDAP Access
- Integrated IP interfaces to HiPath/OpenStage systems
- Supported networks: IEEE 802.11 a/b/g/n
- Dynamic power output according to 802.11h
- Quality of Service (QoS)
- TFT color display
- Protection calls IP44
- OpenStage WL3 Plus model available with advanced messaging & alarming capabilities: push button, man down and no movement

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Siemens Enterprise Communications

SIEMENS
OpenScape Deployment Service

Deployment Service
Device Management

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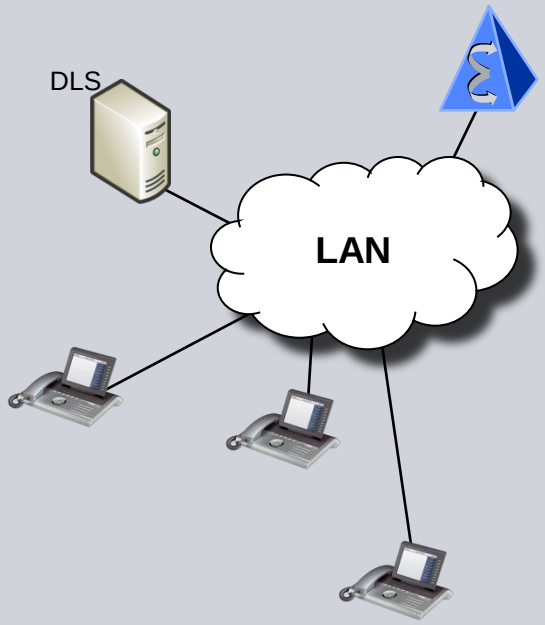
Managing of IP Devices



- DLS is the Element Manager for IP Endpoints (phones, clients)
- Configuration management
- Inventory management
- Software deployment
- Auto-deployment & –configuration / Plug&Play
- User Mobility
- Central config. and distribution of security parameter
- Supports SEN communication platforms
- Support of bulk changes and scheduled jobs

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Deployment Service

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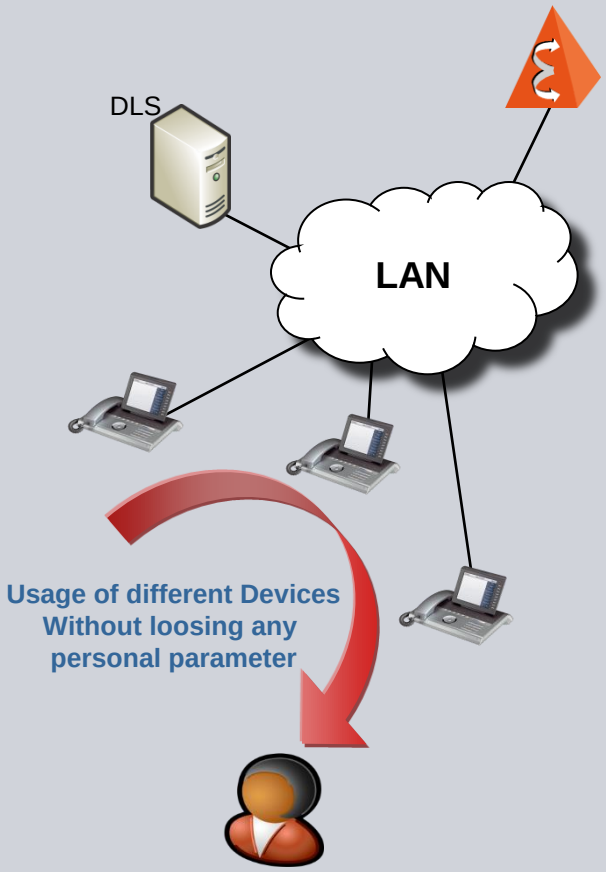
Mobility of device dependant and personal features **(extra port based license required)**

Device Mobility



- With the Mobility feature of DLS, a user's personal configuration and data (e.g., key layout, phonebook, or call list) become portable. Such user data is stored and deployed-on-demand by DLS.
- If a telephone is mobility-enabled in DLS, the user data and device data are administrated separately for this telephone. This user is called a “Basic User”.
- Separately, mobile users can be configured in DLS which are not assigned to a device and contain only user data.
- When a mobile user logs on to a device that is mobility-enabled, the mobile user data from the DLS are transferred to the device which then registers with OpenScape Voice.
- When a mobile user logs off of the phone, the “Basic User” data is restored to the phone.

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SIEMENS
HiPath Trading
Advanced IP Trading Solution

Three areas of application

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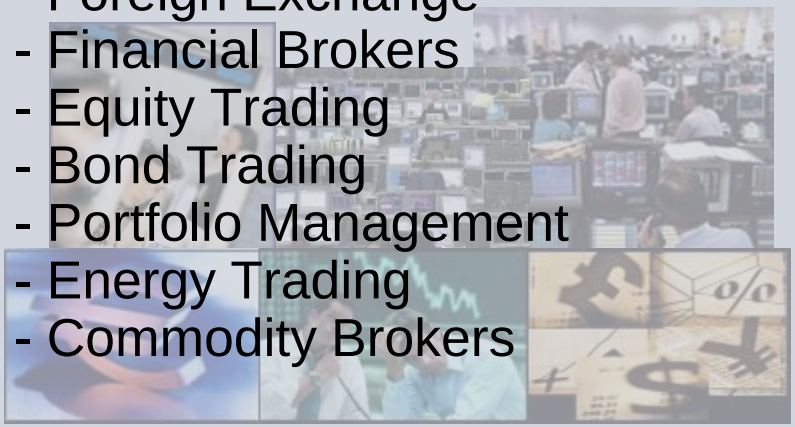
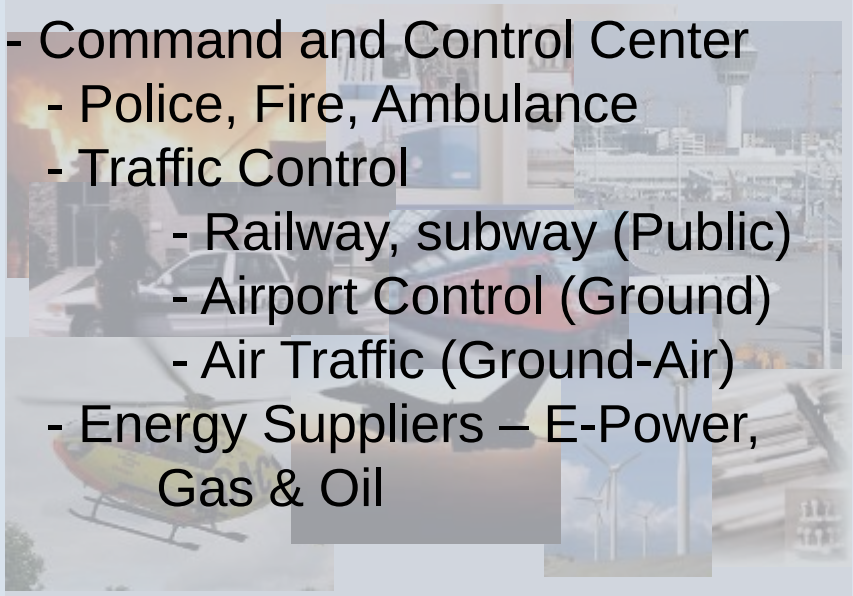
Trading

- Investment Banking
- Foreign Exchange
- Financial Brokers
- Equity Trading
- Bond Trading
- Portfolio Management
- Energy Trading
- Commodity Brokers



Dispatching

- Command and Control Center
  - Police, Fire, Ambulance
  - Traffic Control
    - Railway, subway (Public)
    - Airport Control (Ground)
    - Air Traffic (Ground-Air)
  - Energy Suppliers – E-Power, Gas & Oil



Executive

- Top Management
- Front Places

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Next Generation Trading
What are the pillars of HiPath Trading

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First IP/IT solution

- IP – one wire to the
- Data Center based Solution
- Central Administration
- Optimized TCO
- Improved mobility

Open platform philosophy

- SIP basic call Interface allows customer integration of HiPath Trading in existing communication environments based on SIP
- Linux OS for System servers
- Turret based on Windows XP embedded
- LDAP, SNMP, TAPI, TCP / IP

Application Interface

- Workflow integration with application interface SDK e.g.
  - CRM integration
  - Voice recording
  - Back-office Interworking
  - Personal/Group presence awareness

Multimedia Turrets

- IP Turret: hard or soft clients
- TDM Turret: hard or soft clients
- Multimedia User Interface
- Programmable

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OpenStage Xpert

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OpenStage Xpert

Multimedia Communications for Traders:

- Mixed Hard-and Soft Turret
  (Touchscreen + 20 Keys)
- Modular, consistent Design
- Open Interfaces
  for Business Application Integration
- TDM and VoIP ready
- 2 integrated speakers for 8 audio channels
- Integrated PC
- Silent - without fan
- No Harddisk for high reliabilty

- Up to 4 Handsets with cradle per Turret
- Audio monitoring and voice detection,
  up to 16 Lines per Turret
- Broadcasting and Intercom
- Push-to-Talk, hands free talking (Gooseneck)
- up to 16 Lines in group
- Speech Monitoring
- Call queue, Personal telephone book
- Presence

Siemens Enterprise Communications

HiPath Trading V4 - Architecture
The first pure VoIP Trading System in market

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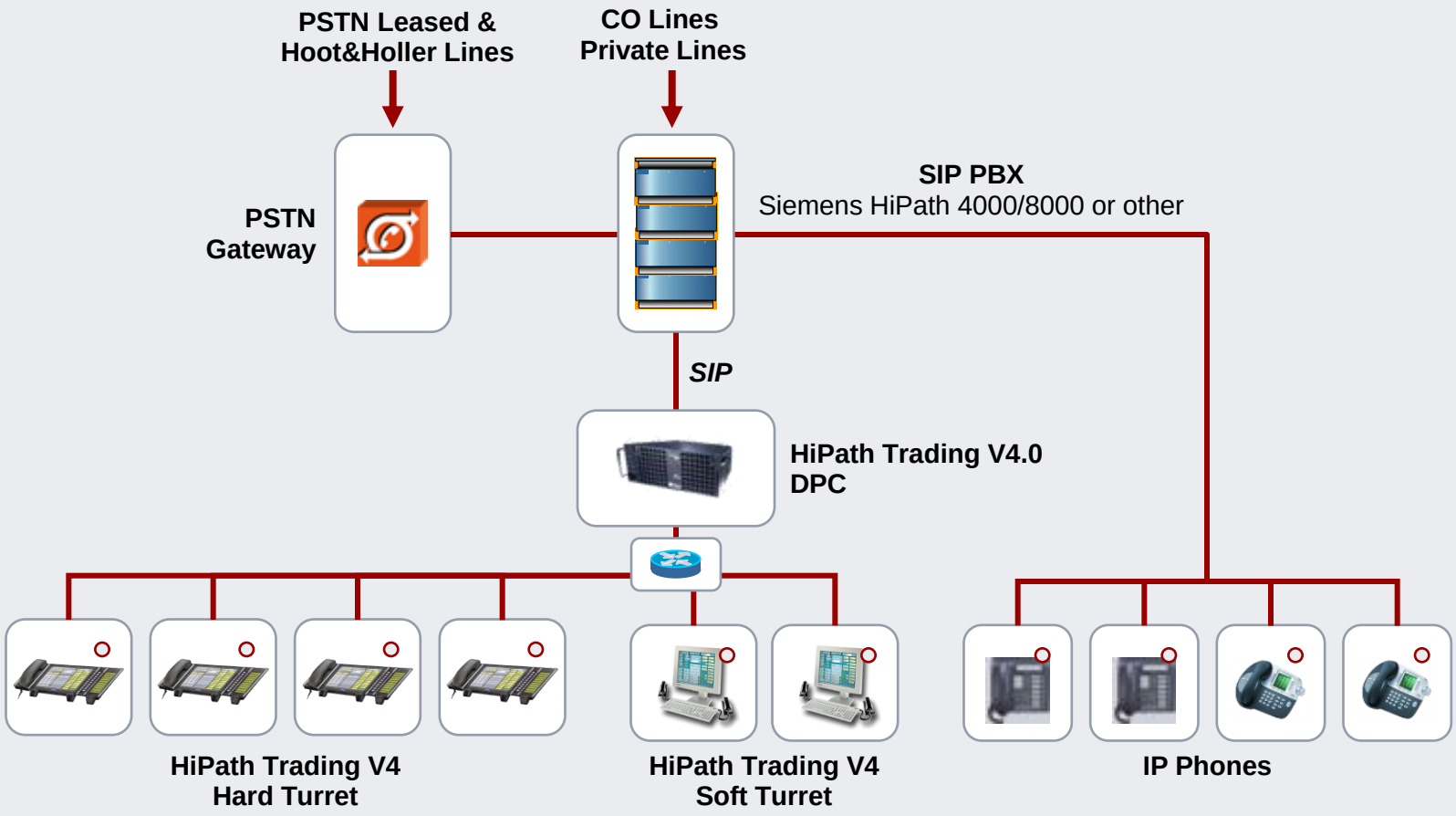

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HiPath Trading V4 R1
Application Interface

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Through an intuitive Application Interface with SDK, the SIEMENS IP or TDM optiClient Trading Turret can be easily customized to provide real-time access to powerful applications.

e.g. CRM Integration

- Customer data
- Customer history
- Voice records attached to deals

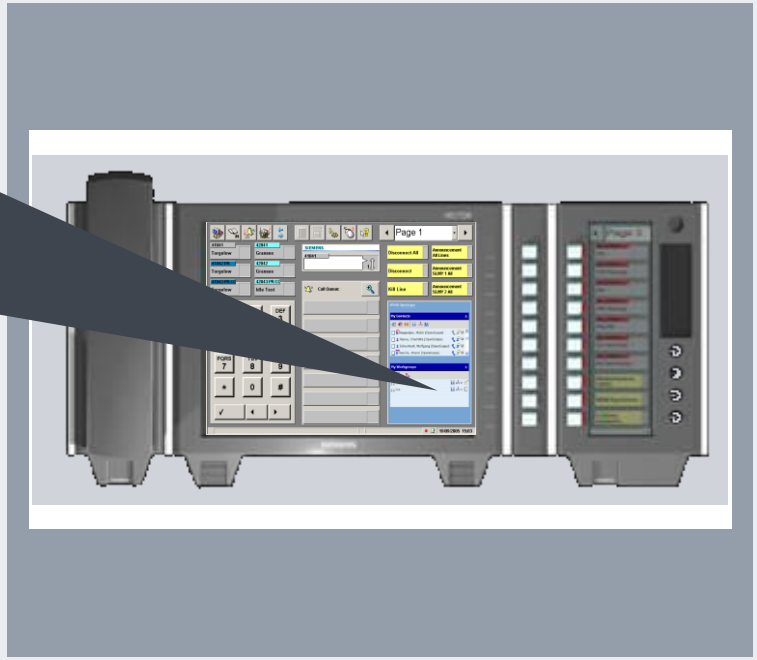
e.g. Backoffice Integration with IM & OpenScape

Presence-Based Communications

- View Buddy List (Contacts)
- Presence aware
- View Workgroup Presence
- Initiate Workgroup Conference by one Touch

e.g. Voice Recording Playback (3rd Partys)

- Easy Playback Voice Recording 20s, Last Call, List
- Additional Call Information
- Graphical User Interface
- Easy to use – quick jump



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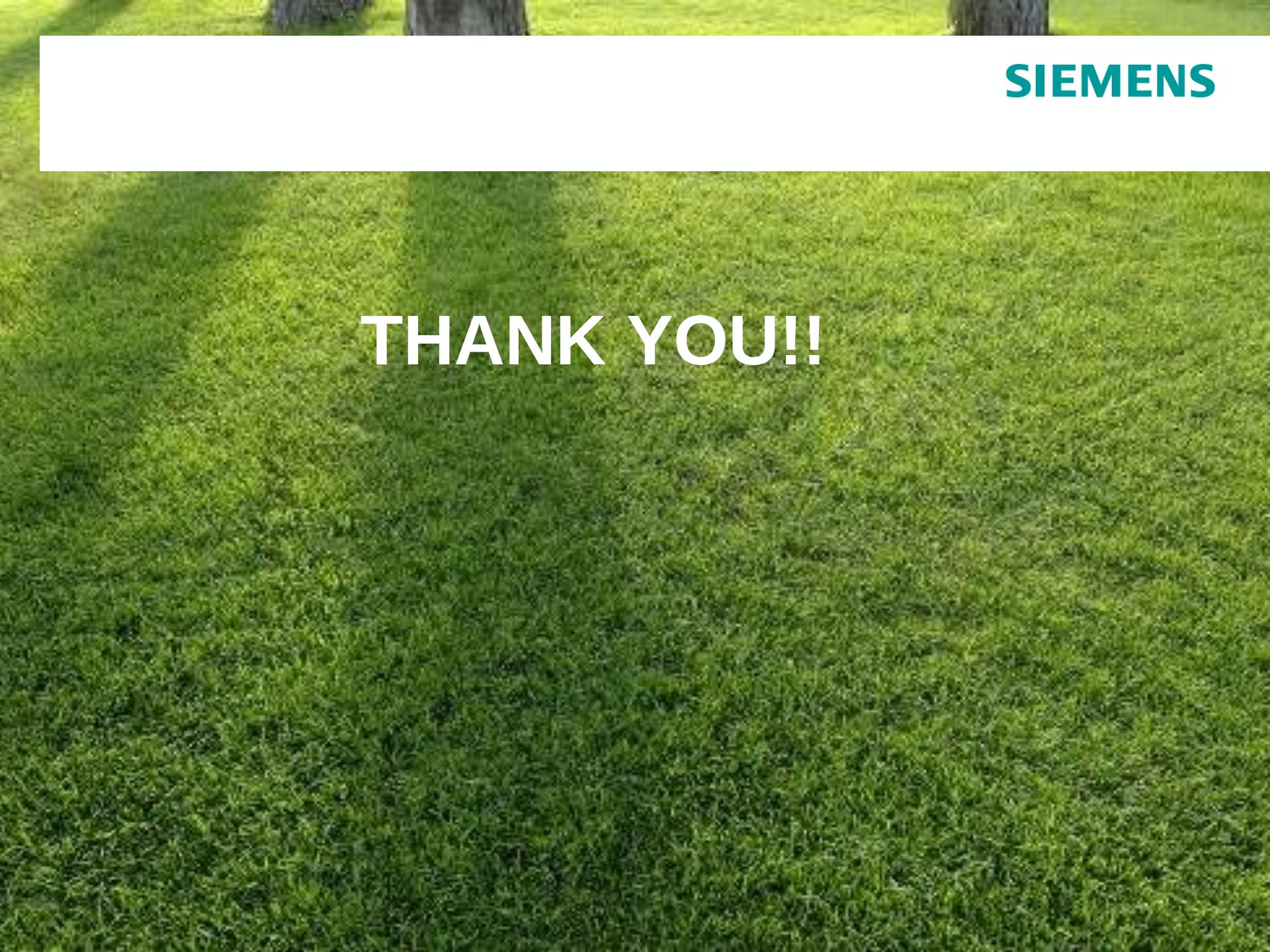
SIEMENS
THANK YOU!!